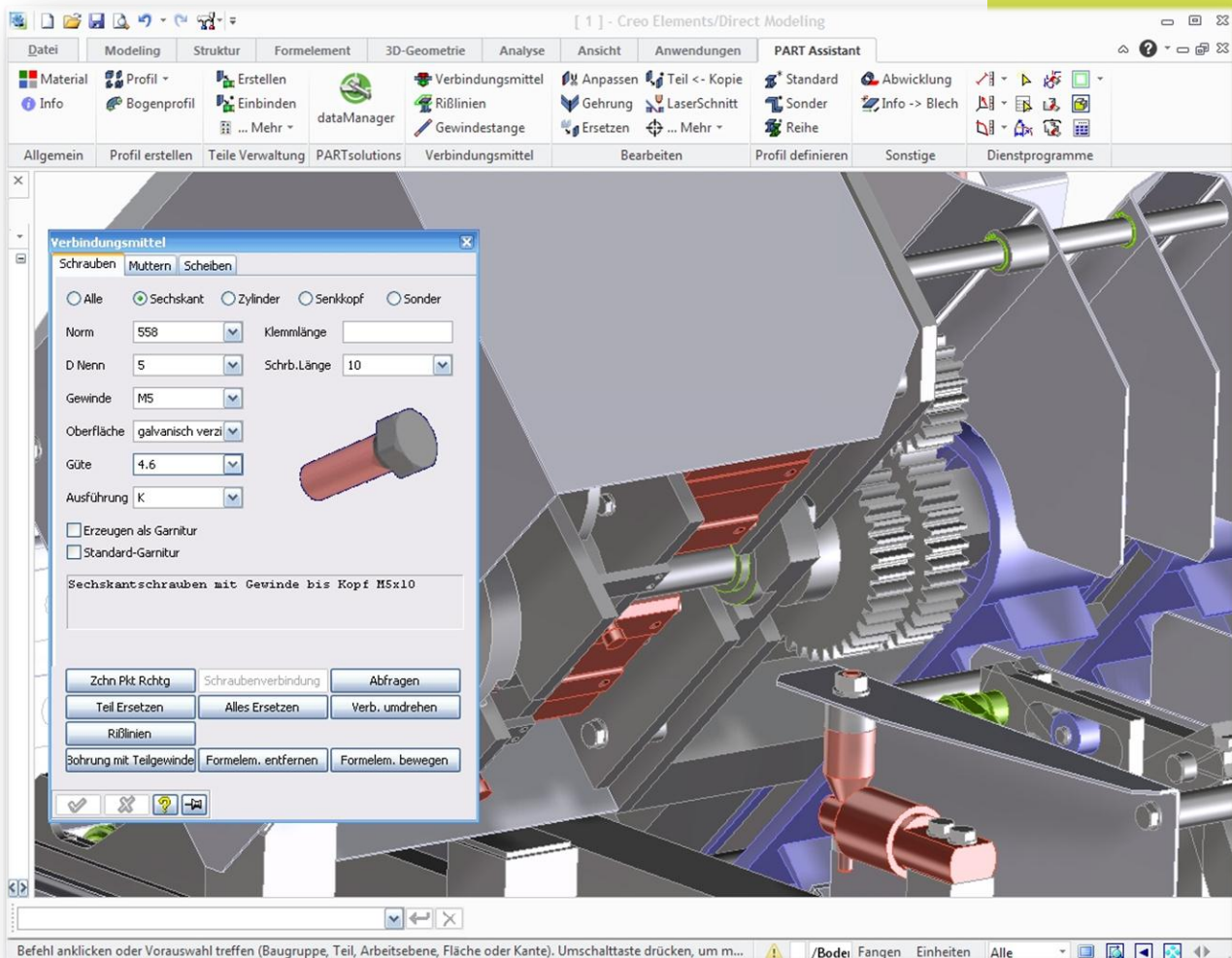




Installation- and Configuration Manual for Solutions for Creo Elements /Direct Modeling



Installation and Configuration Manual for Solutions for Creo Elements /Direct Modeling

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Introduction

Ladies and gentlemen,

Thank you for deciding for the construction solution by Ingenieurgesellschaft Klietsch. This program based on our long-standing experience and our customers' feedback. Thus you get a product, created with utmost care. Should you still have problems with the installation or utilization of the software, please contact our support support@klietsch.com. If you prefer to contact us by phone, please dial +49 271 23167-0. The installation and configuration instructions are described as follows.

Siegen, June 2012



Phone: 0271 / 23167-0

eMail: support@klietsch.com

Web: <http://www.klietsch.com>

Installation

Attention!

If you want to install the Cadenas „PARTsolutions“, you should install this application **prior** to the construction solutions. Please refer to chapter „PART Assistant including Cadenas PARTsolutions“ for this purpose.

To install the construction solution, make sure that PTC Creo Elements /Direct Modeling is already installed on your system and that all required system and environment variables are set. A general survey of the system and environment variables you will find in the appendix (page 52 ff).

Insert „Solutions for PTC Creo Elements /Direct Modeling“-DVD into a DVD-ROM drive. If the auto start function for the drive is deactivated, start the installation by double-click on „**Install.exe**“ in the main drive of the DVD. The program must be started with administration rights.

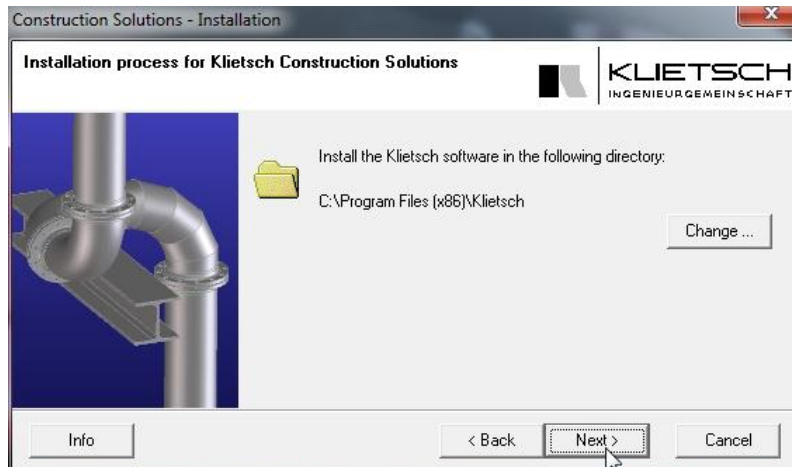
Select your desired language for the installation and confirm with „**Next**“.



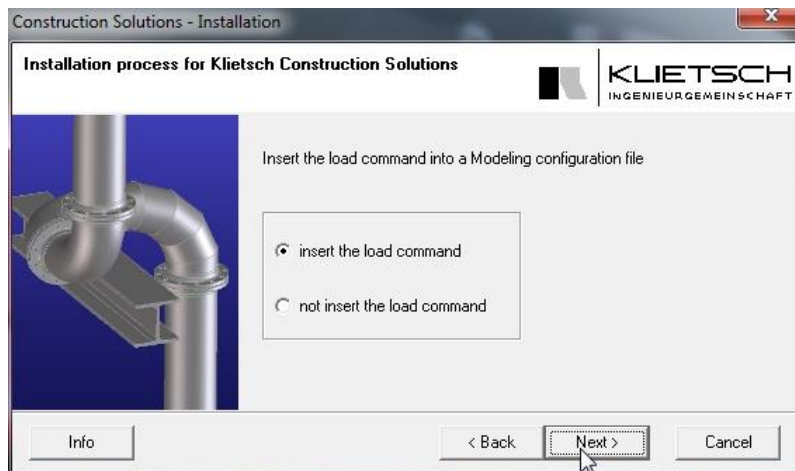
Choose the modeling version for which you want to install the construction solutions.



Select the installation directory in the following dialog. If you want to select an individual path instead of the standard directory „C:\Program\Klietsch“ click on the „Change“-Button and select the desired directory.



The „load command“ integrates the construction solutions into the modeling. In most cases you should select „[Insert load command](#).“ For a more detailed description of the load command refer to chapter „Load command“ page 11 ff.

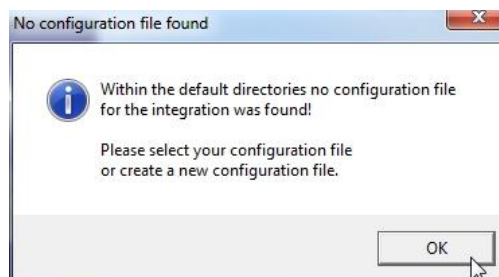


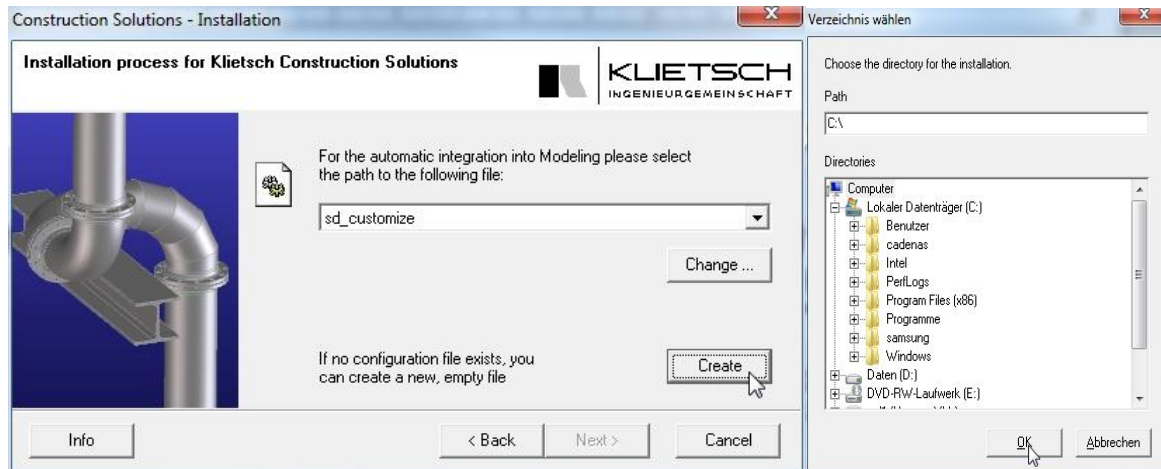
If you have selected the menu point „[Insert the load command](#)“ you will be asked to state the configuration file of your modeling in the next step. When starting the modeling the configuration file will be loaded. It contains customized dialogs.

Should you have selected „[Not insert the load command](#)“, please follow up page 9 ff (**Update for „Cadenas PARTsolutions“ with „PART Assistant“**).

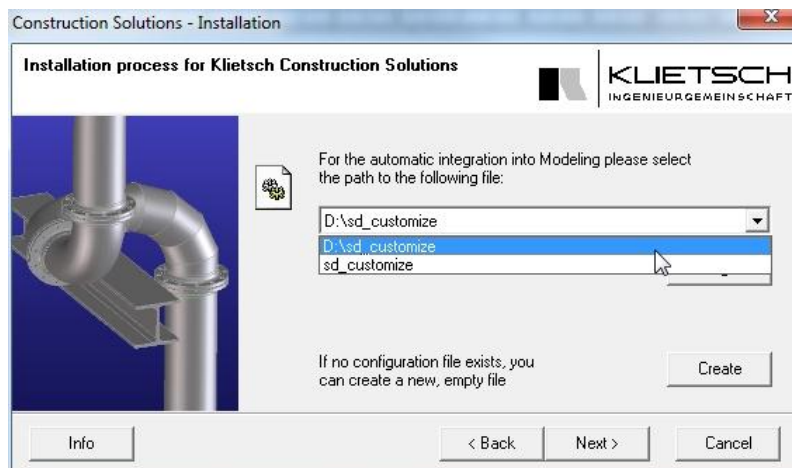
There are two possibilities:

1) If no configuration file exists, you get a message. After confirmation of the message you can choose an empty configuration file („[Change](#)“), or create a new file („[Create](#)“). The configuration file is named „sd_customize“ and can be loaded out of the configuration directory. The directory can be set with the environment variables. Please pay attention to the information in the appendix.





2) If there are already one or several configuration files on your system, these are displayed in the selection list. If you want to select a different configuration file than the stated one, click on „Change“ and select the corresponding file. **The selected file must be a valid modeling configuration file and loaded at the start of the modeling! Confirm your entry with „Next“.** In the appendix you will find further information concerning the configuration file.



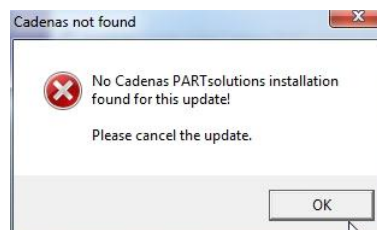
Update for „Cadenas PARTsolutions“ with „PART Assistant“

If you have „Cadenas PARTsolutions“ for the „PART Assistant“ on your system, you can install an update to optimize the program.

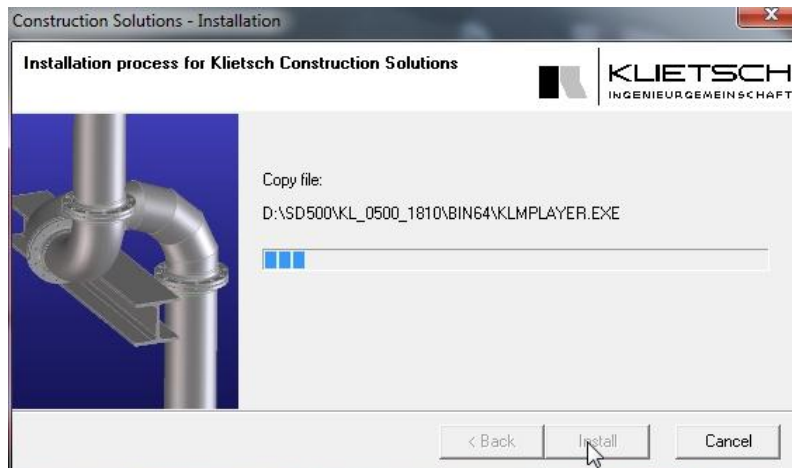
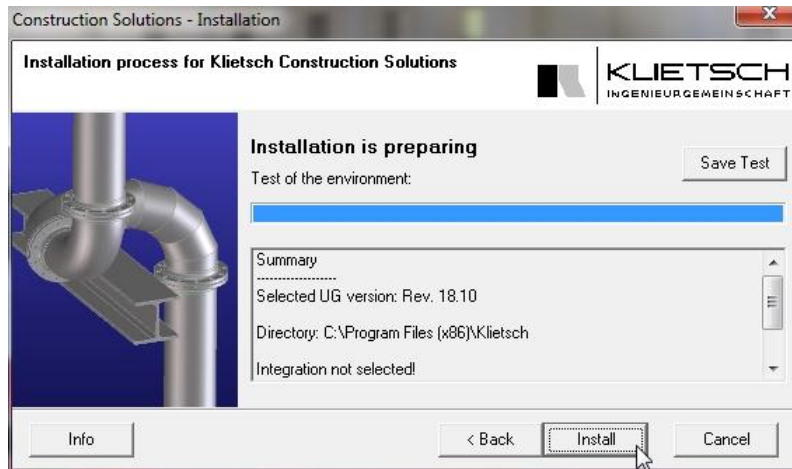


Attention: If „Cadenas PARTsolutions“ is not installed on your workstation but in a local network, you may only perform this update from **one** client. Otherwise the original backup copies will be overridden!!!

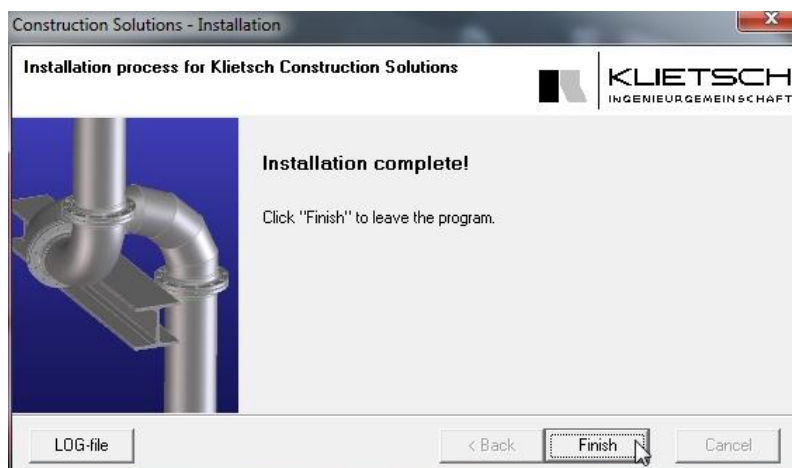
Select the installation directory of „Cadenas PARTsolutions“ and confirm with „Next“. If the update is not compatible with your Cadenas version, a message appears and the update will not be installed.



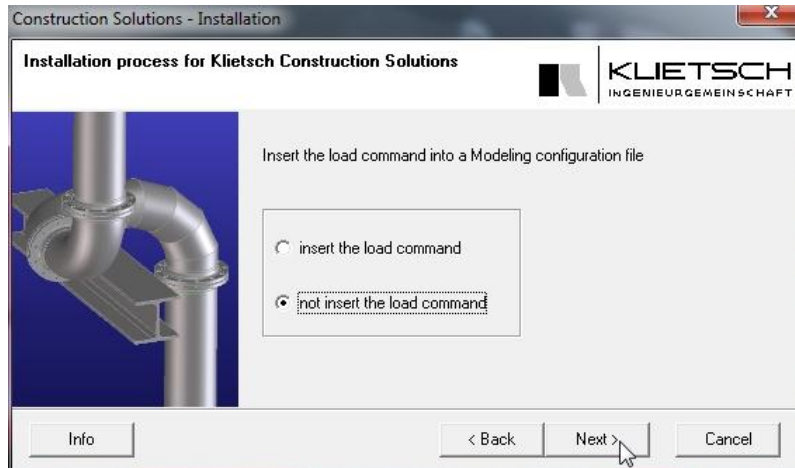
In the next step, your working environment will be tested and an overview of the installation will be displayed. If all details are correct, click **Finish** to leave the program.



Now the software will be installed. After all files were copied, finish the installation with a click on „[Finish](#)“.



Load Command



If you have selected „Not insert the load command“, during the installation, you must insert the changes of the configuration file manually. The manual entry may be necessary, if you have e.g. installed additional modules, or if the configuration file is administrated centrally in the network.

To enter the load command manually, look for the file „Inst_Log.txt“ in the installation directory of the construction solutions. At the end of this file you will find the load command, which you can insert in your configuration file.

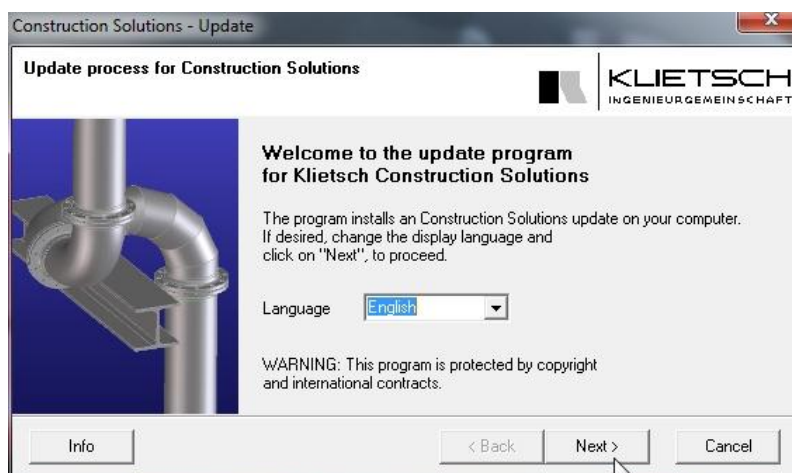
The load command could look like this:

```
(load "C:/Programme/Klietsch/KL_0440_1800/klmodule.txt")
```

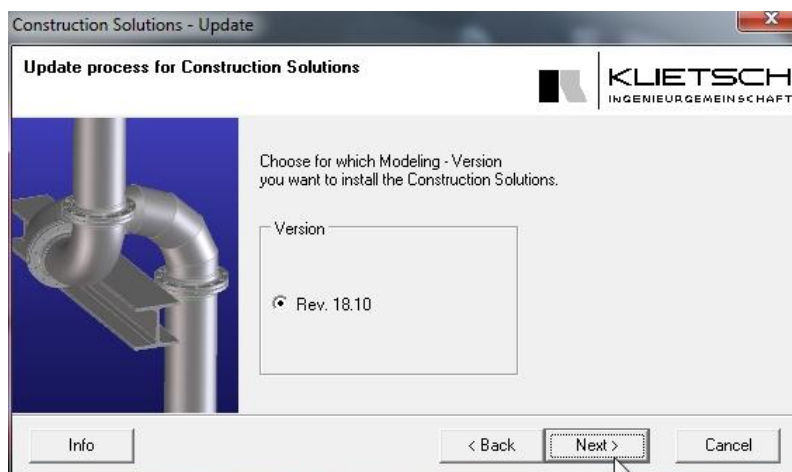
Update

If you want to update an already installed version, please proceed as follows for the installation: if the update is available as a „*.zip“-archive, unpack this archive into a directory of your choice. It is important not to open the file „install.exe“ directly in the archive!

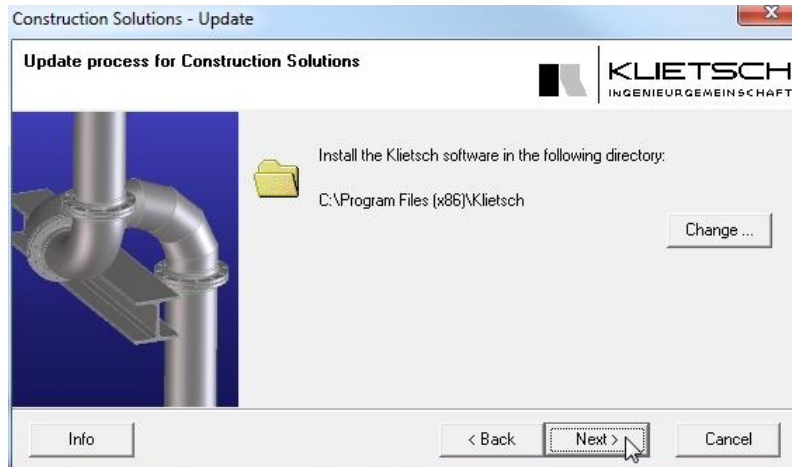
In the first step choose your preferred language and then click on „Next“.



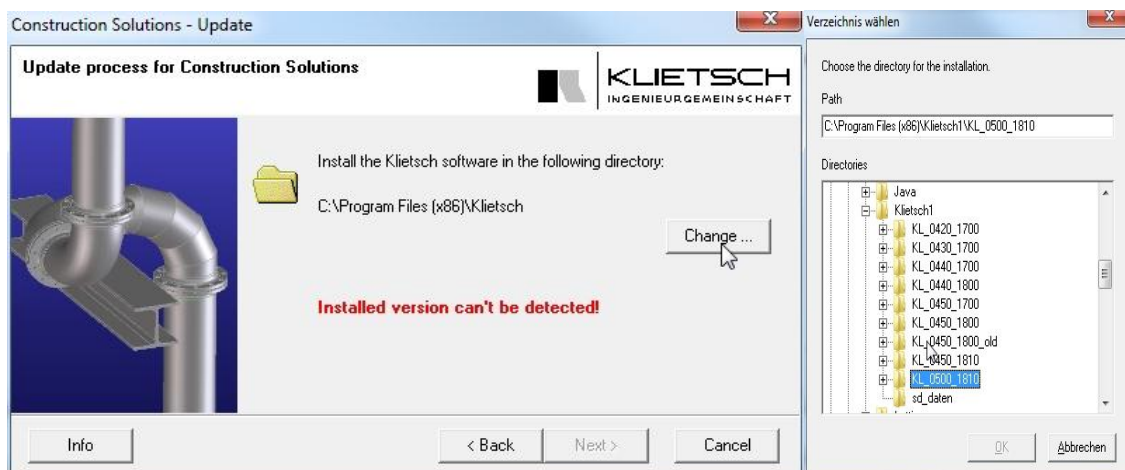
In the next step please specify the modeling version for which the update of the construction solution should be installed.



The update installation identifies the last installed version and the corresponding directory. Check the installation path and confirm by clicking „Next“.

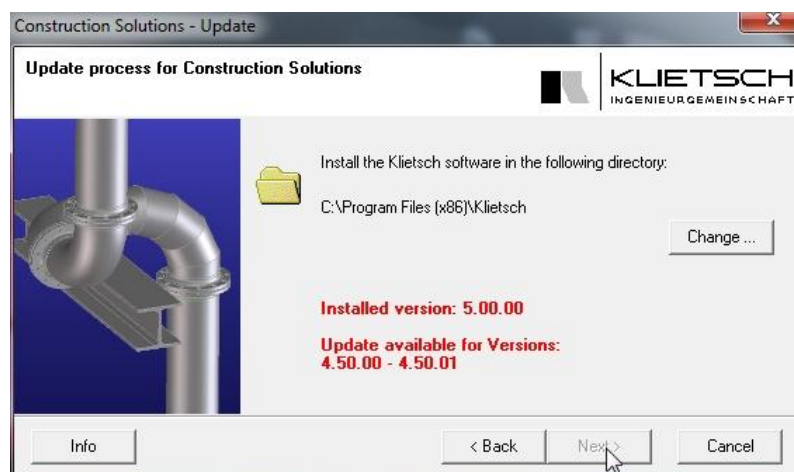
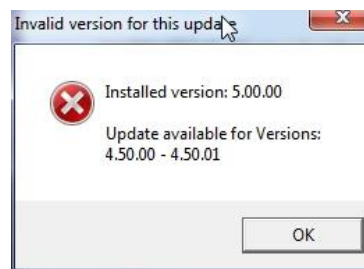


If it is not possible to detect the installed directory and the installed version, please change the path by clicking on the „[Change ...](#)“ button. After having chosen an empty directory you can confirm your selection with „[OK](#)“.



Non-updateable version

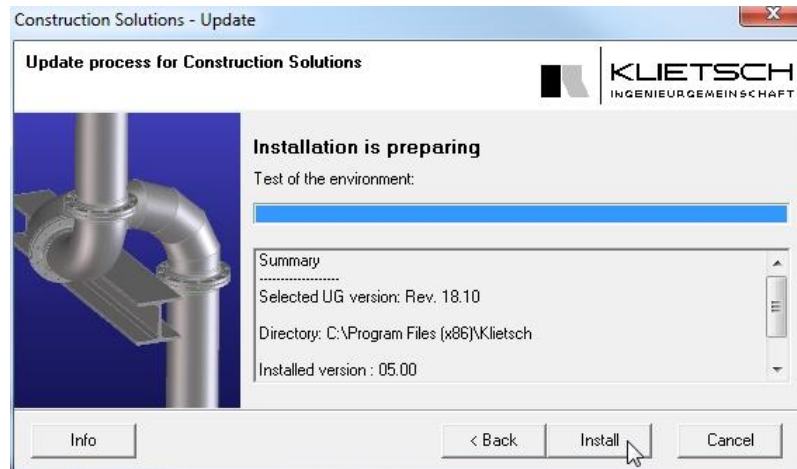
Should the installed version be incompatible with the update, you will receive an error report. In this case you have two possibilities.



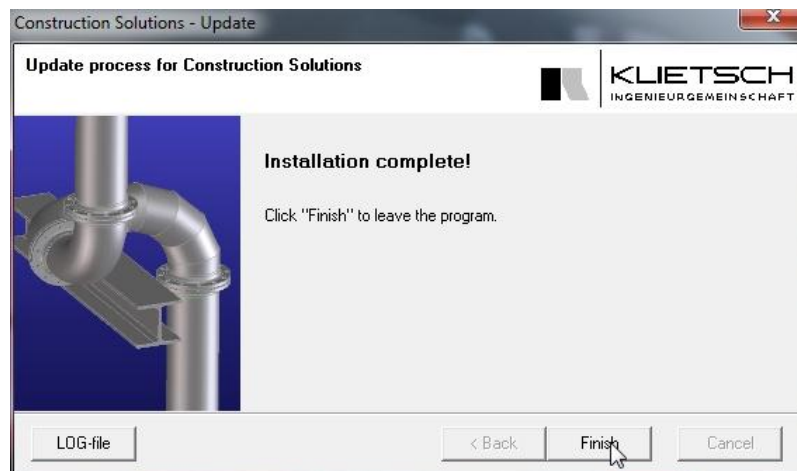
The installation parameters belong to an old version or were not found. Choose the correct directory and confirm with „OK“.

- or -

Your version is incompatible. Cancel the update by clicking on „Cancel“ and confirm with „Yes“.



If you have selected the correct installation directory, you will receive an overview of the installation.
If all details are correct, start the update with a click on the „Install“ button.



To finish the installation click on „Finish“.

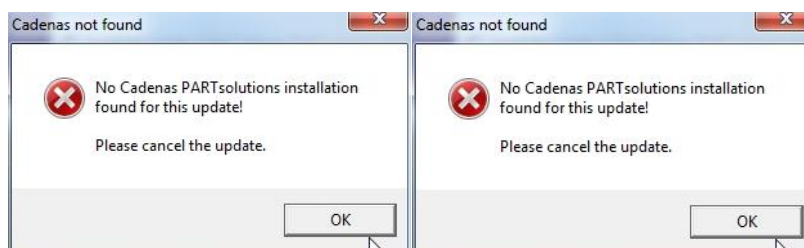
Update for „Cadenas PARTsolutions“ with „PART Assistant“ (self-contained)

If you want to install the update for „Cadenas PARTsolutions“ with „PART Assistant“ independent from the construction solutions, insert the „Solutions for Creo Elements Direct Modeling“-DVD and cancel the installation of the construction solutions. Open the DVD drive with the explorer and start the batch file „**cadenas-upd.bat**“ in the main directory of the DVD. The installation program appears. Select the desired language and confirm with „**Next**“.

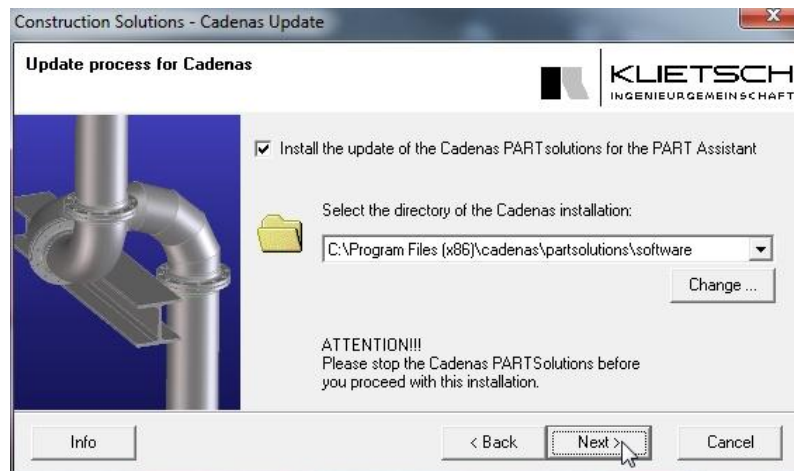
The batch file must be started with administration rights!



You will receive an error message, if there is no copy of the „Cadenas PARTsolutions“ installed on your system. Cancel the update and install „Cadenas PARTsolutions“ first. You will receive an error message too, if the installed version is not compatible with the update.

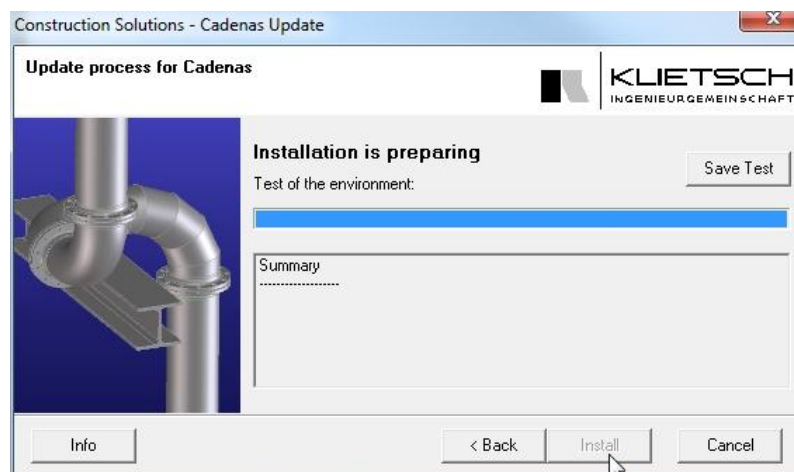


If a compatible Cadenas-Version was found, the installation path is indicated. Do **not** change the suggested installation path!

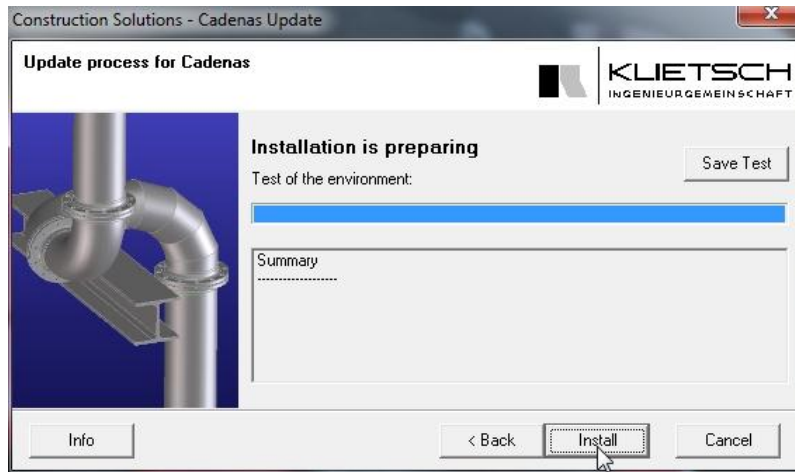


Make sure that the check mark is set at „Install the update of the Cadenas PART solutions for the PART Assistant“, then click on „Next“.

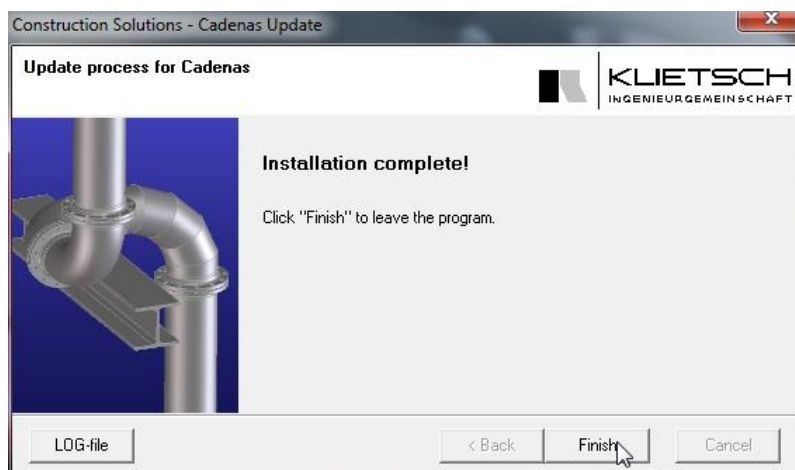
If you didn't set the check mark, you cannot click the button „Install“ in the next step.



If all entries are correct, start the installation of the updates by clicking on the „Install“ button.



Close the installation with a click on „**Finish**“.



PART Assistant including Cadenas PARTsolutions

General

The PART Assistant including Cadenas PARTsolutions is a bundle consisting of 2 products:

- PART Assistant
- Cadenas PARTsolutions

Cadenas PARTsolutions is the standard parts library contained in the delivery and offers 3D models for standard parts from many different standards as well as hundreds of manufacturer catalogs. Cadenas PARTsolutions itself is not designed as an additional module for modeling, but instead installed as an independent application on the workplace system.

The **PART Assistant** on the other hand is an activatable module integrated to 100% in modeling and provides the interface to PARTsolutions among other things. If required, the PART Assistant can start the program Cadenas PARTsolutions, display the parts catalogs and load the selected parts into modeling.

On the next pages you will find information about the different licence concepts as well as information about the recommended installation sequence and installation details.

Characteristics of the licence model and password award for the PART Assistant with Cadenas PARTsolutions

Some characteristics must be considered for the additional modeling modules supplied with Cadenas PARTsolutions. This is due to the different licence models of the products.

At present, this concerns the following product as of version 3.50:

- PART Assistant

You basically receive a bundle consisting of two components with the PART Assistant:

1. Add-on for Creo Elements Direct Modeling
2. Cadenas PARTsolutions (parts library)

The program parts integrated in Creo Elements /Direct Modeling are still supplied with **floating licence**, which means the licence is available on every workstation in the network. As many licences as purchased can be used simultaneously. The **PTC licence server** takes care of the necessary organization.

→ **For the password award we need the hardware ID of your PTC licence server, e. g. the MAC address or the number of your MSU-dongle**

Things are different with the PARTsolutions standard part library. This program part is a so-called **node-locked licence**; this means the licence is allocated to the workstation and is only available there.

→ **For the password award we need the MAC address of each of the workstations where PARTsolutions is used.**
(Coding on an optional USB dongle is also possible)

The different licence models result in the following possible application situations:

1. **One PART Assistant licence is available for each workstation**
With this constellation each user can access the PART Assistant function as well as the PARTsolutions catalogs.
2. **There are less PART Assistant licences than workstations available**
With this constellation the PART Assistant functions are available on each workstation and the PARTsolutions catalogs only on some selected workstations. The function calls for the PARTsolutions catalogs work or don't work, depending on the respective situation.

Recommended installation sequence for all products with Cadenas PARTsolutions

1. Prerequisite for the installation of this additional product is a functioning installation of Modeling.
2. Request the passwords for the Modeling additional modules (PART Assistant) **and** Cadenas PARTsolutions. → Please observe the different licence models and the correspondingly different details of the hardware IDs.
3. Install the Cadenas PARTsolutions using the installation program contained on the first DVD. Follow the instructions of the installation program as well as the additional installation notices on the following pages.
4. Install the Modeling additional modules with the installation program contained on the CD-ROM.
5. No further details are required for the link between PART Assistant and PARTsolutions. The PART Assistant detects an available and usable PARTsolutions installation automatically.

Notice!

This installation sequence ensures that some data of Cadenas installation is exchanged in the context of the PART Assistant.

In the further course of this instruction manual, you will also find information, which helps you to correct the Cadenas installation manually.

Installation of Cadenas PARTsolutions

Scope of delivery

The delivery of the PART Assistant including Cadenas PARTsolutions should contain a Cadenas DVD set with the following DVDs:

- 1x program DVD
- 5x mechanical catalog DVD

The program DVD contains the installation program as well as the standard parts catalog. The mechanical catalog DVDs contain the manufacturer catalogs. The content of the catalog DVDs you can look at in the file „**content.txt**“ In the Root directory of each catalog DVD.

Program installation

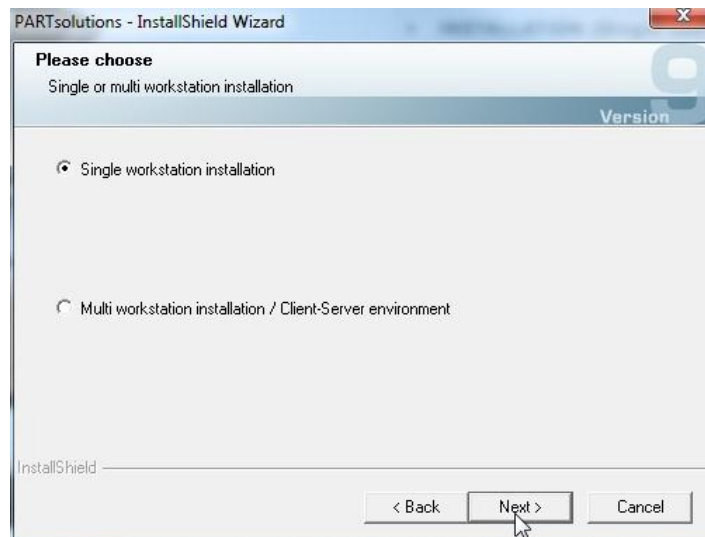
Insert the program DVD in the DVD drive. If it doesn't start automatically, start the program „**Start.exe**“ manually. This installation requires admin rights. The following program window appears after a short time:



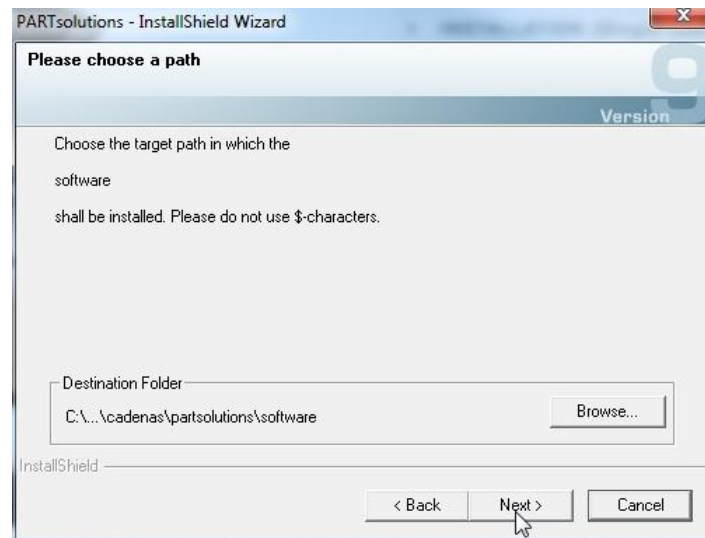
You principally have the possibility to perform a **single place / client installation** or a **server installation**.

- With the server installation the main program and the catalogs are installed on the server. Only a small program for access to the server is installed on the clients. For the installation of a client please choose „[Single place/Client](#)“.
- With the single place installation, the program and the catalogs are installed locally on the workstation as a standard feature. If you want to install the catalogs on a release or a network drive, follow the next steps.

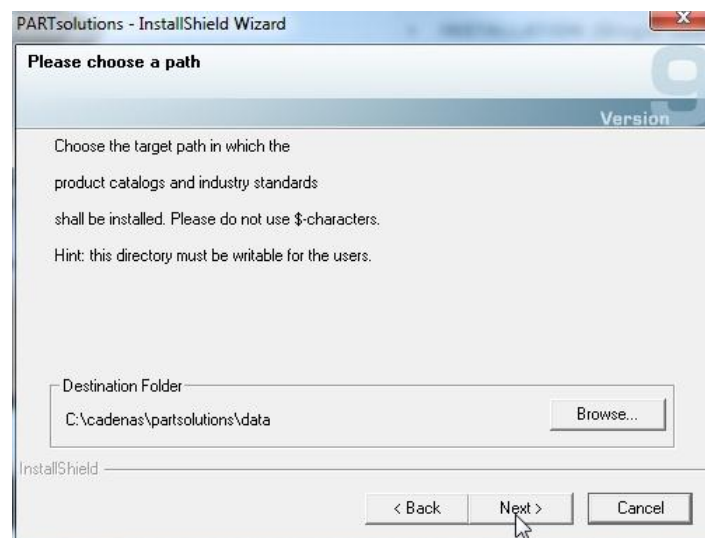
Confirm the following steps with „[Next](#)“ and „[Yes](#)“, then you can select the installation way. Now choose „[Single place installation](#)“ and confirm with „[Next](#)“.



Proceed with the selection of the **software directory** in which the software is supposed to be installed. Confirm your entry with „[Next](#)“.



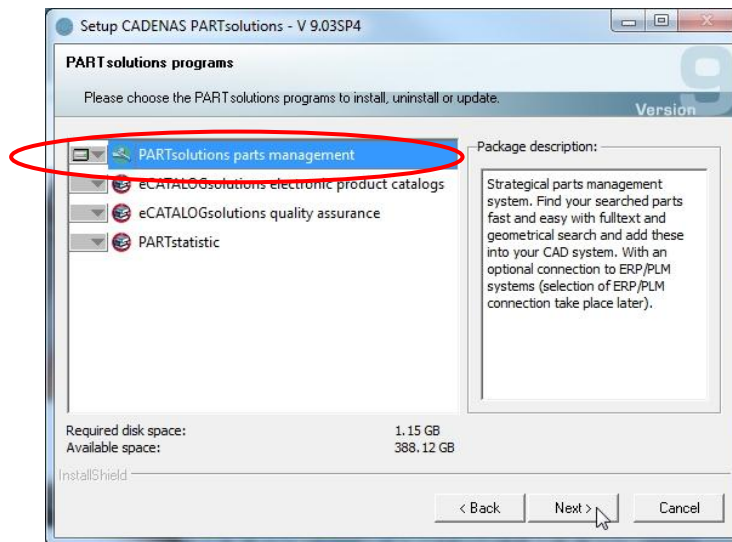
In the next step, state a directory for the catalogs and standards. Here you can e.g. select a network drive to make catalogs and standards globally accessible.



For details about the different installation types and options, refer to the **INSTALLATION HELP**.

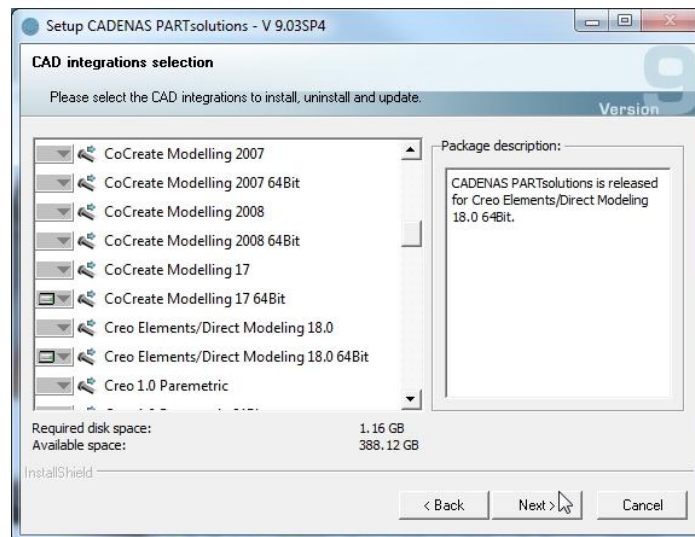
In the following the characteristics in connection with the PART Assistant are explained, using the example of a single workstation installation.

After the usual steps as **confirming the licence conditions**, **selecting the installation type**, **selecting the installation site** the following query appears:



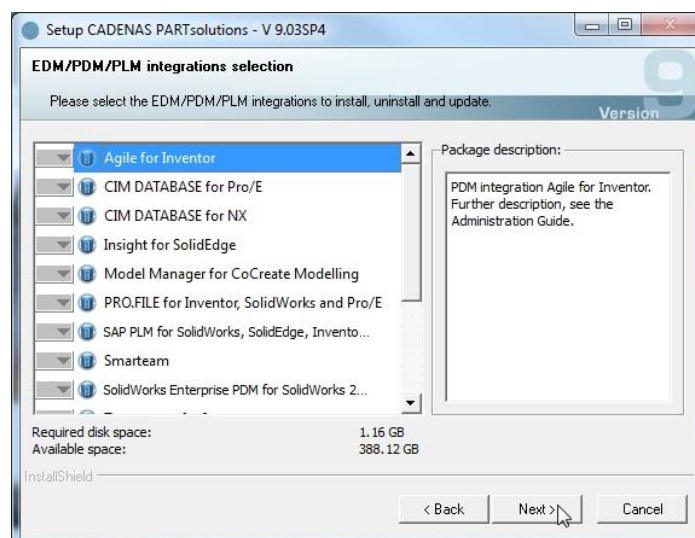
Select the option „**PARTsolutions part management**“.

A window with the desired CAD interface appears:

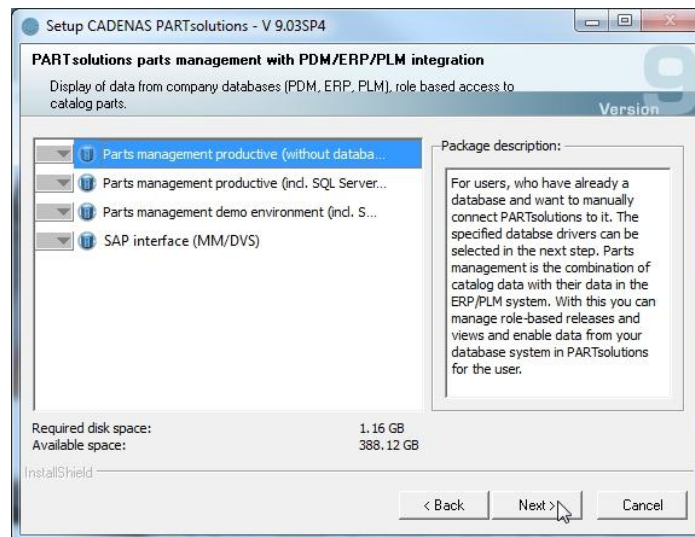


Select the corresponding modeling version here. Please pay attention to the respective platform (32/64bit).

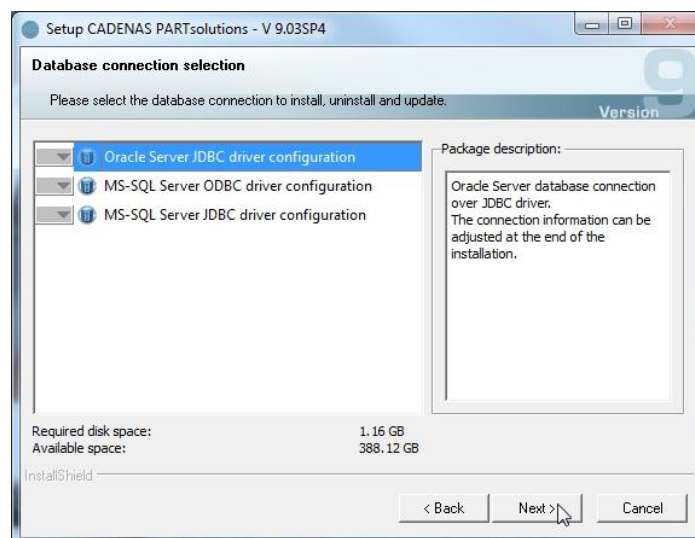
Do not make a selection at EDM/PDM/PLM-integrations.



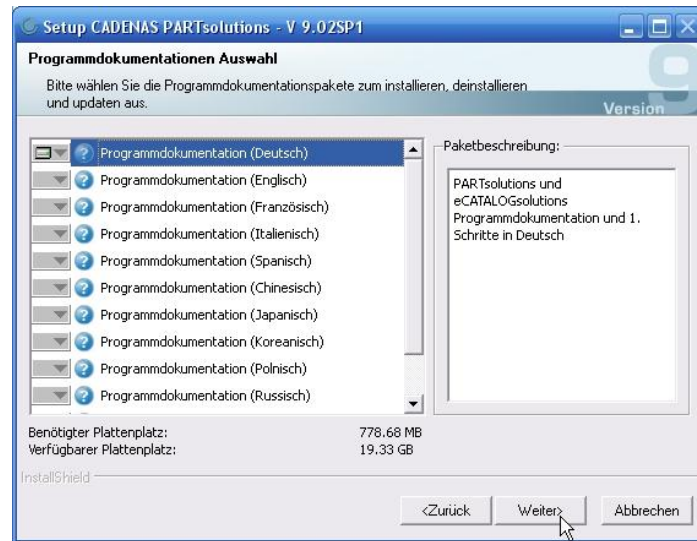
Ignore the selection of the ERP integration and the database too, **without making a selection.**



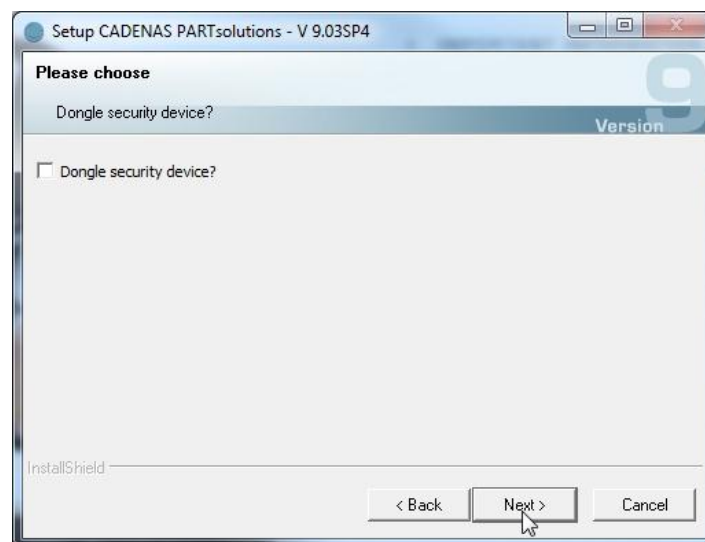
Ignore the selection of the databases and the database connections as well, **without making a selection.**



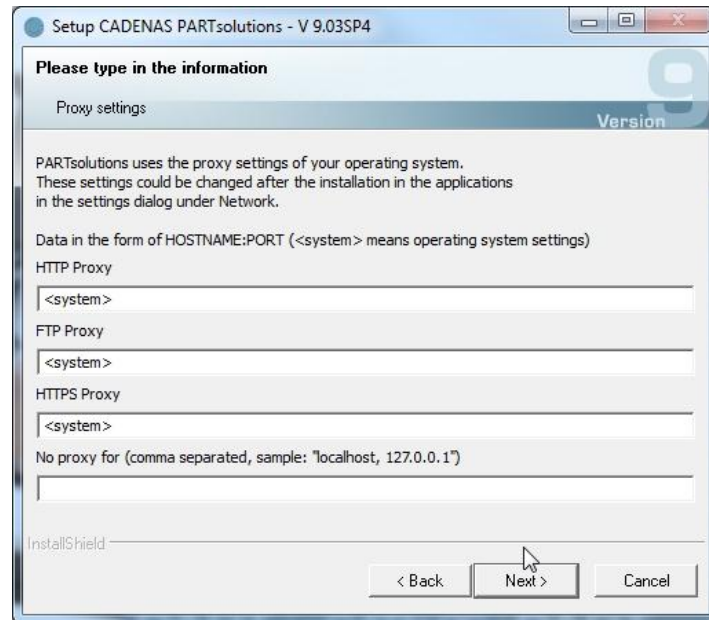
Now select the desired language for the program documentation. Please note that the documentation is not available in the full extend in all languages.



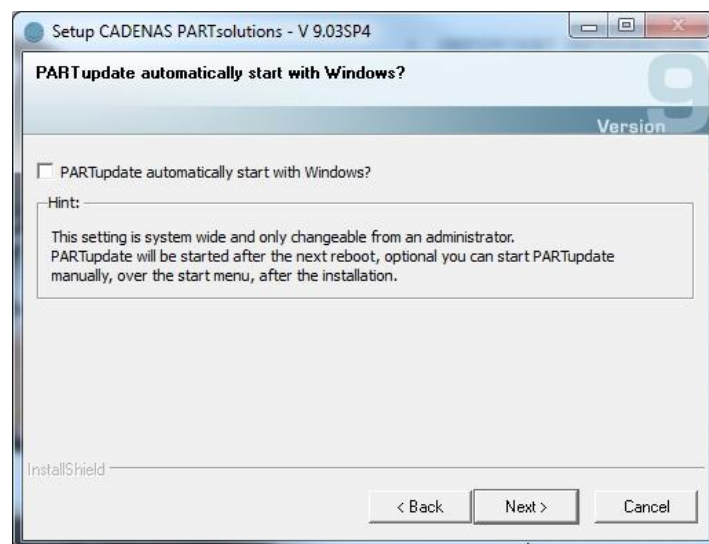
The installation of the dongle driver is only necessary, if you desire the licencing on the optionally available USB dongle. Normally this step can be skipped.



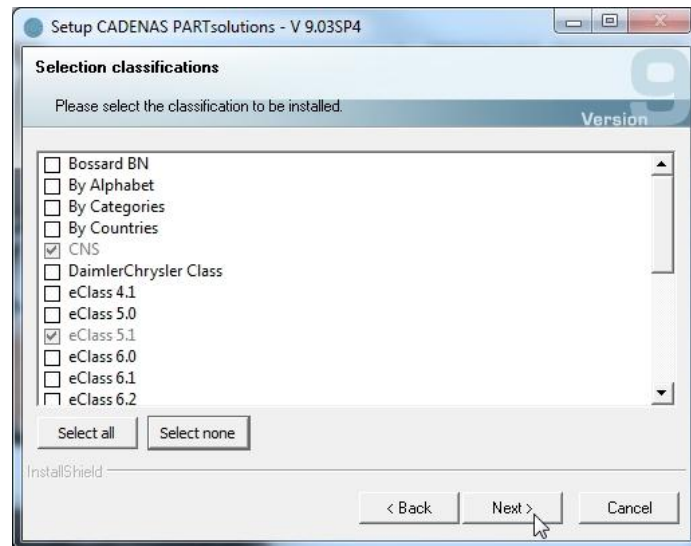
Normally you can skip the proxy settings as well.. If you are uncertain, ask your system administrator.



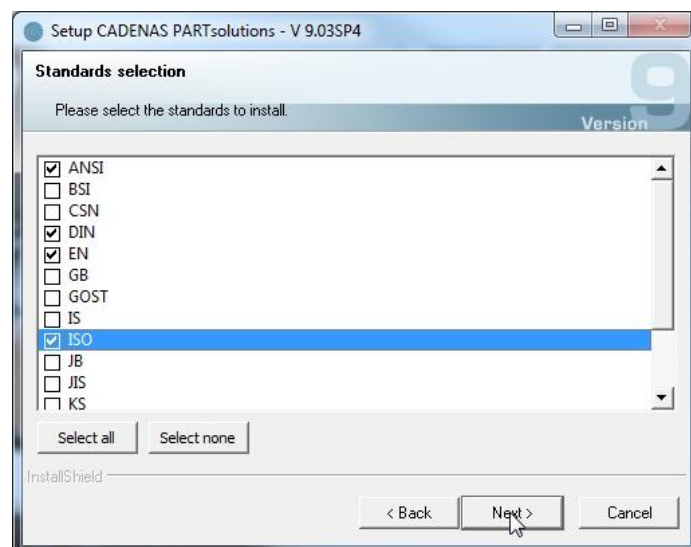
With the following step you can choose if PARTupdate should be started automatically with windows.



For the combination PART Assistant / Cadenas PARTsolutions, the choice of the classification can be dropped. **Remove any possibly already activated classifications!**



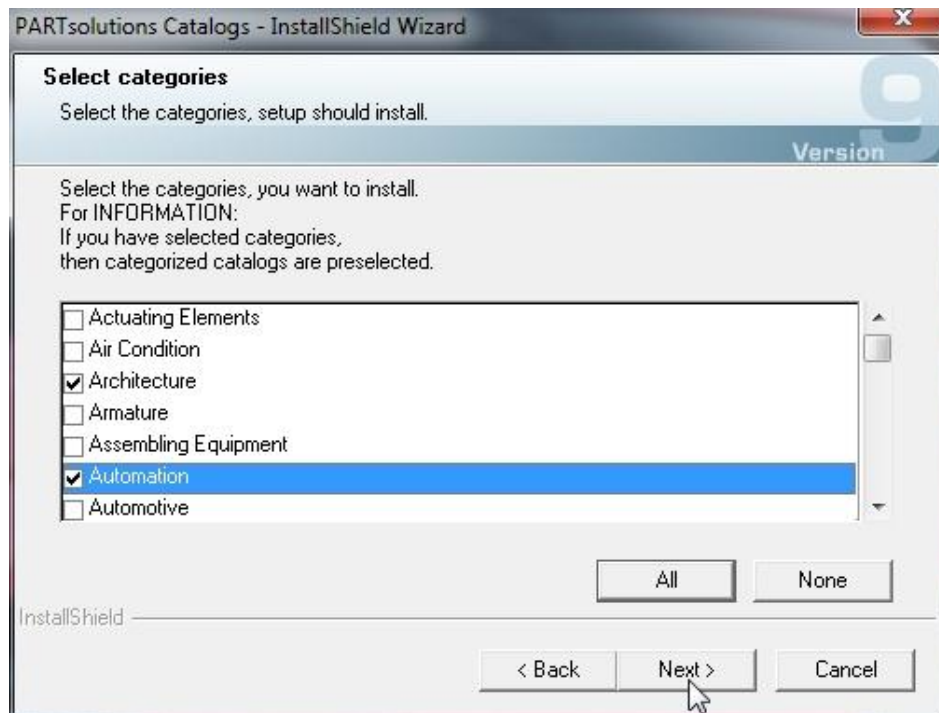
Now you still have to **select the standard part to be installed**. Select the desired standards here. The installation of the manufacturer catalogs takes place in a separate step.



After a check and a control query, the installation process starts. This may take a few minutes. After the installation, a restart of the system is obligatory.

Installation of manufacturer catalogs

Insert one of the mechanical catalog DVDs in the DVD drive. If it doesn't start automatically, start the program „**Setup.exe**“. The installation requires admin rights. After selection of the desired language the following program window appears after a short time:



You have now the possibility to select catalogs. Mark the chosen categories and click on „**Next**“. All corresponding catalogs are already preselected. Mark the catalogs to be installed in the following dialog and start the installation with „**Next**“. Please note that the installation can take very long, depending on the number and type of the catalogs.

Please note!!

Each DVD has to be installed separately. It is not possible to install the catalogs on DVD 2 with the installation program on DVD 1.

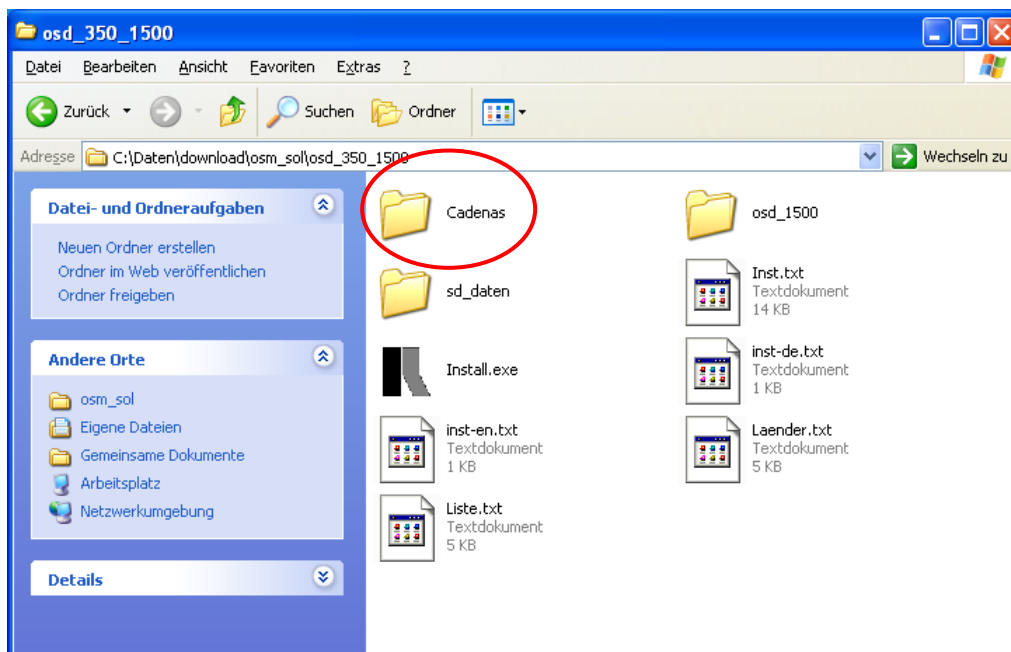
Manual installation of the „PART Assistant“ patches

If the **PART Assistant** is installed *after* the Cadenas PARTsolutions, this patch will be installed automatically

The patch can be installed manually, if the above mentioned installation sequence is not given or a new version of Cadenas PARTsolutions is installed later.

For the installation, please read chapter **Update for „Cadenas PARTsolutions“ with „PART Assistant“ (self-contained)**. A further possibility for the installation of the patch you will find below.

The patch files are located in the directory „Cadenas“ on the installation medium or in the download directory for the **PART Assistant**. Please pay attention to choose the patch file compatible for your Cadenas version. The folder „Cadenas“ contains further subfolders with the corresponding Cadenas version.



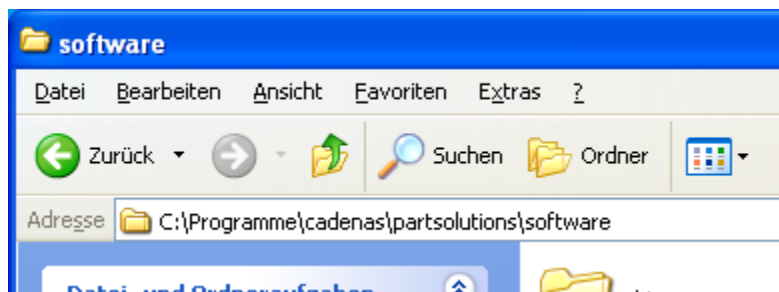
In the folder of the particular version you will find a folder with the name „libs“. 2 files contained in further subfolders must be exchanged in the corresponding folder of the Cadenas installation: „... \9.1.0\libs\all\translators\m3d_sd.vbb“ and „... \9.1.0\libs\x86\com\proxymetadll.dll“.

Both files are as well located in the corresponding subfolders of the Cadenas installation, e.g. with a standard installation in the path:

„C:\Programs\cadenas\partsolutions\software\libs\..“.

First save these Cadenas installation directories, e. g. by copying and / or renaming them.

Then copy the two files from the directory „Cadenas\[version]“ of the installation medium to the corresponding locations in the Cadenas installation path **or** copy the folder „libs“ to the installation directory for the Cadenas software.



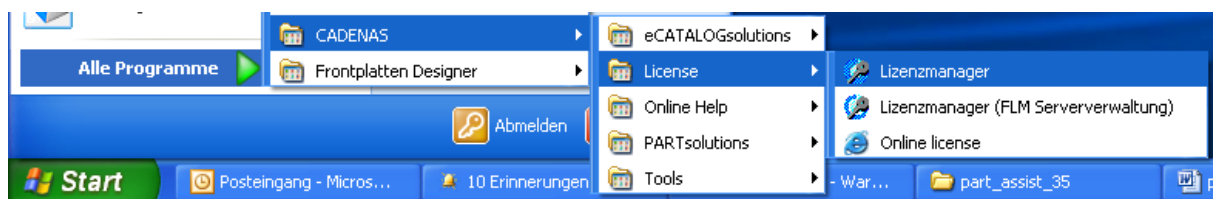
This procedure exchanges the 2 files (in lower nested subfolders).

Activation of the Cadenas PARTsolutions Licence

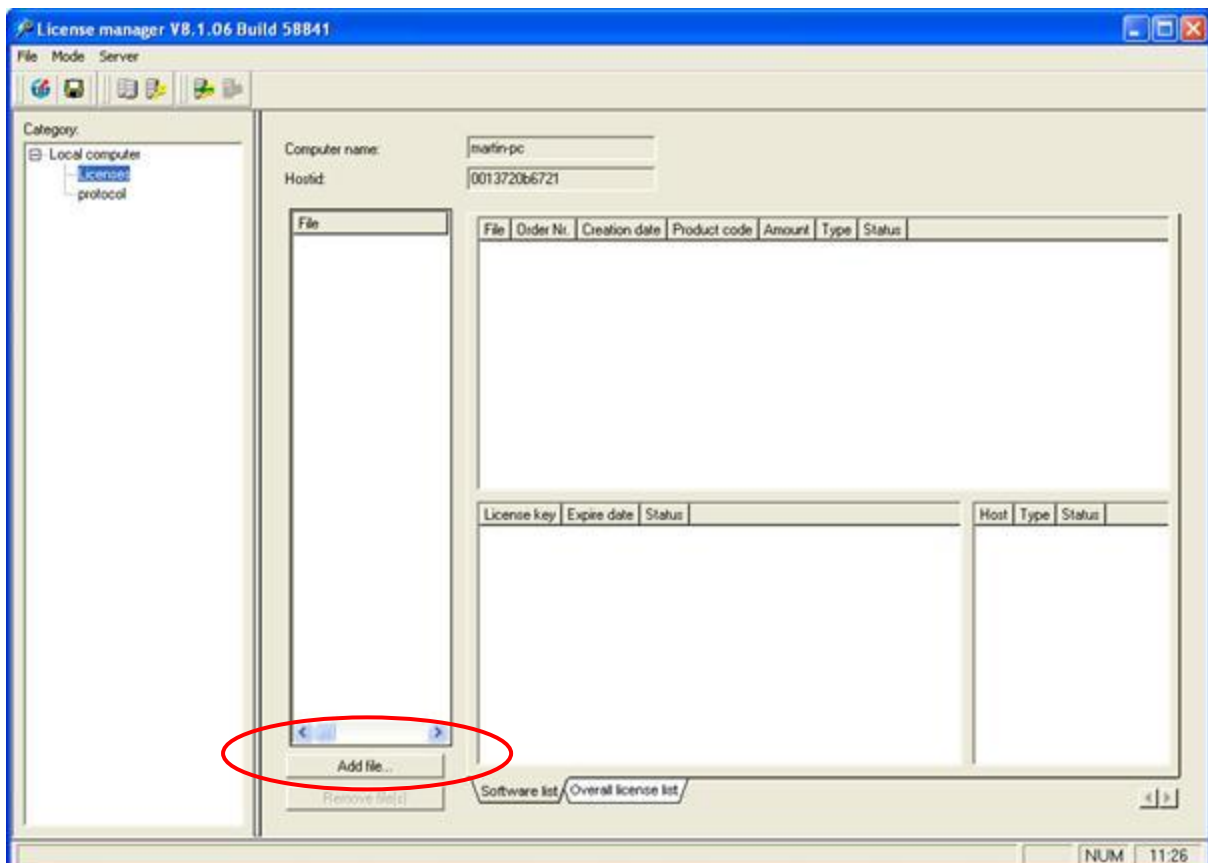
Cadenas PARTsolutions features a separate licence manager, which works independently of the PTC licence server.

After your password request for Cadenas PARTsolutions, you should have received the Cadenas licence file as *.default.cnsldb file*. Please copy this file in the licence folder or activate the licence over the licence manager.

For activation start the Cadenas licence manager:

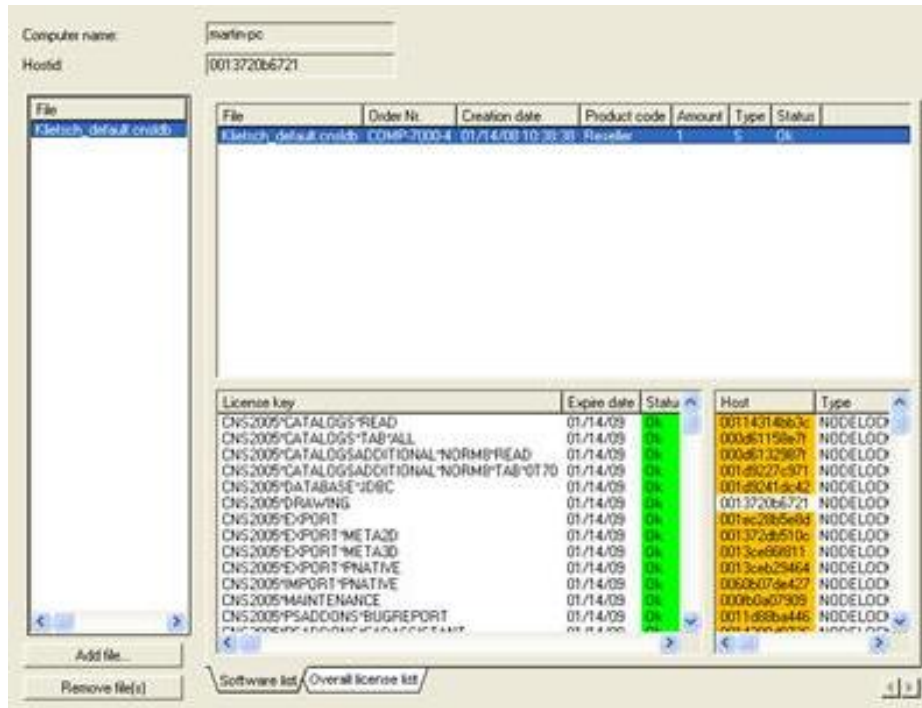


After opening the following window appears:



With „Add file“ you select the present licence file and add it to the list.

The codes contained in the licence file and their availability on the current computer is displayed in the overview windows on the right side.

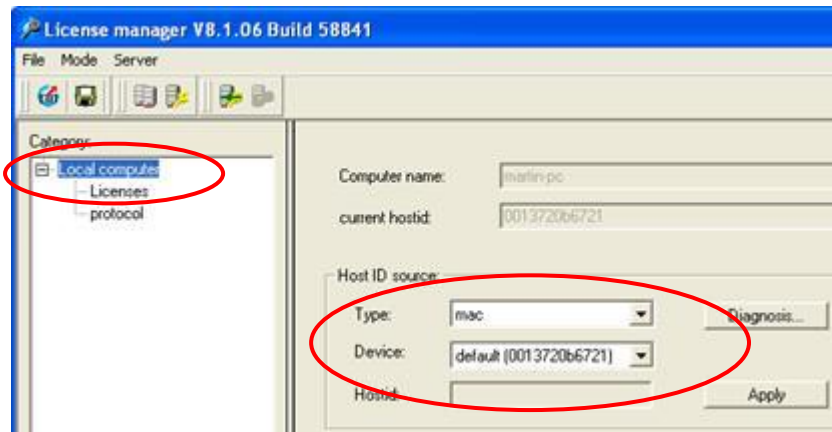


If your computer has several network cards, it may happen that the licence manager does not use the correct **Host-ID** so that the licence is not available.

In the following chapter **Changing Host-ID for licence manager** the correct Host-ID selection and activation is explained.

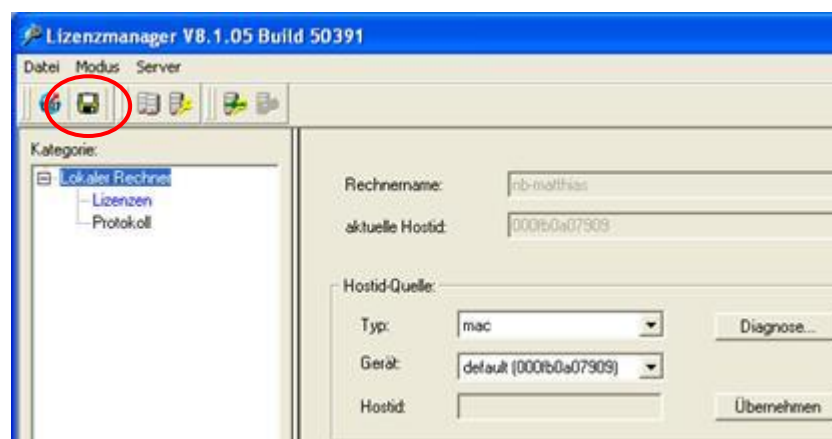
Changing Host-ID for licence manager

In the section category select the entry „Local computer“. Now the right window section switches over and offers the menu items „Type“ and „Device“ for selection of a new device address. Confirm with „Apply“.



IMPORTANT: Save changes!

The changes you made, regardless of whether these concern the password import or a change of the device address, first become effective after you have saved the changed data.



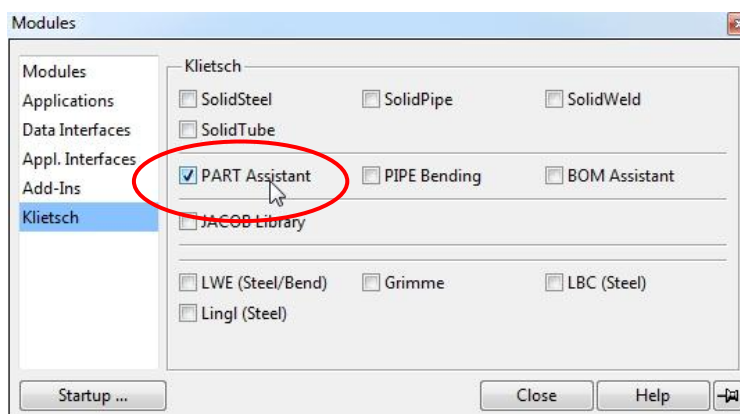
Using „Cadenas PARTsolutions“ with the „PART Assistant“

Prior to using the PART Assistant together with Cadenas PARTsolutions you have to finish the following points:

- Installation of Cadenas PARTsolutions
- Correct licencing of Cadenas PARTsolutions
- Installation of the PART Assistant
- Correct licensing of the PART Assistant
- Manual installation of the Patches for Cadenas PARTsolutions when indicated

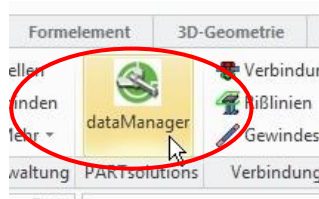
Starting the „PART Assistant“

1. First you have to activate the module PART Assistant in the Modeling module administration
2. The PART Assistant menu integrates itself in form of a new tab in the Modeling-Ribbon-Menu



Starting „PARTsolutions“ integration

Click on the button PARTsolutions „dataManager“, in the main menu of the part assistant to start PARTsolutions.



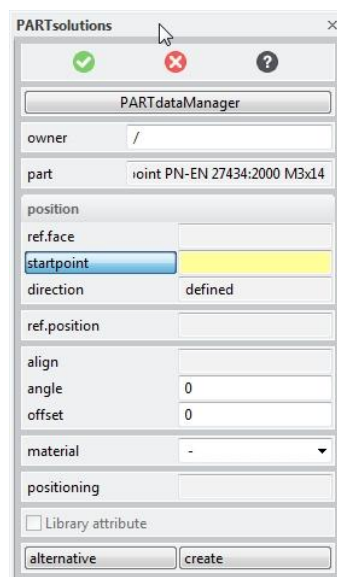
Subsequently the PARTdataManager of PARTsolutions should start automatically.

If not, this is a sign of missing connection between the PART Assistant and PARTsolutions.

In such a case, please try the following steps to solve the problem:

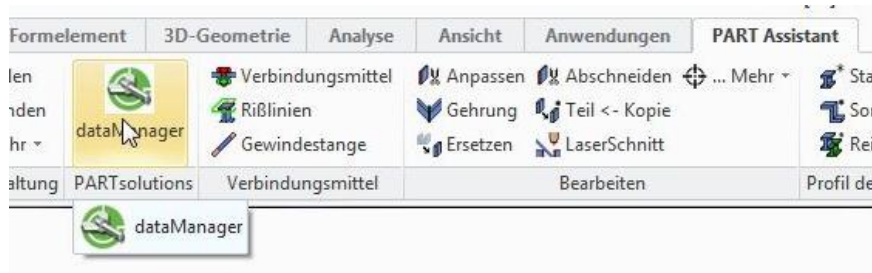
- Check the version number of your PARTsolutions (should be $\geq$ Version 8.1.01)
- Contact our support team

Normally the PARTdataManager should start after a few minutes and show the integration menu for PARTsolutions.

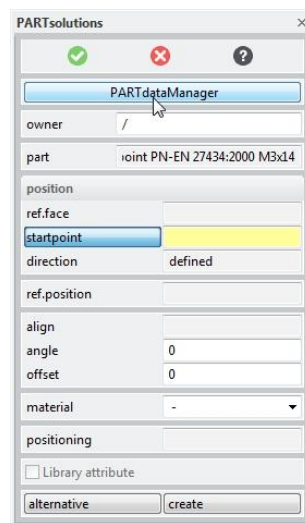


Importing parts from Cadenas

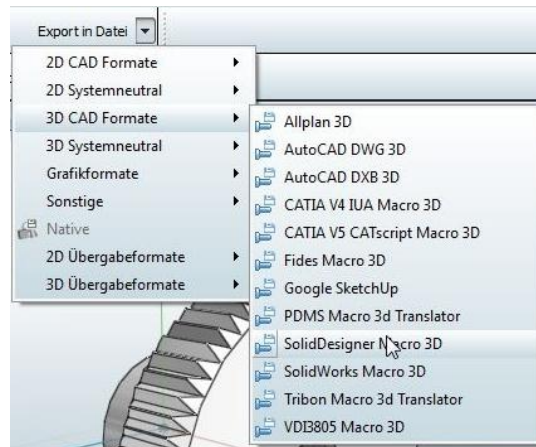
If you want to import parts from Cadenas into modeling, make sure that the PART Assistant is activated. Select the point „**PART Assistant**“ in the menu register, then click the button „**dataManager**“.



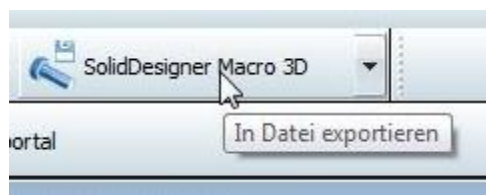
The opening dialog starts the Cadenas part administration. Click the button „**PARTdataManager**“, if Cadenas does not start automatically at the same time.



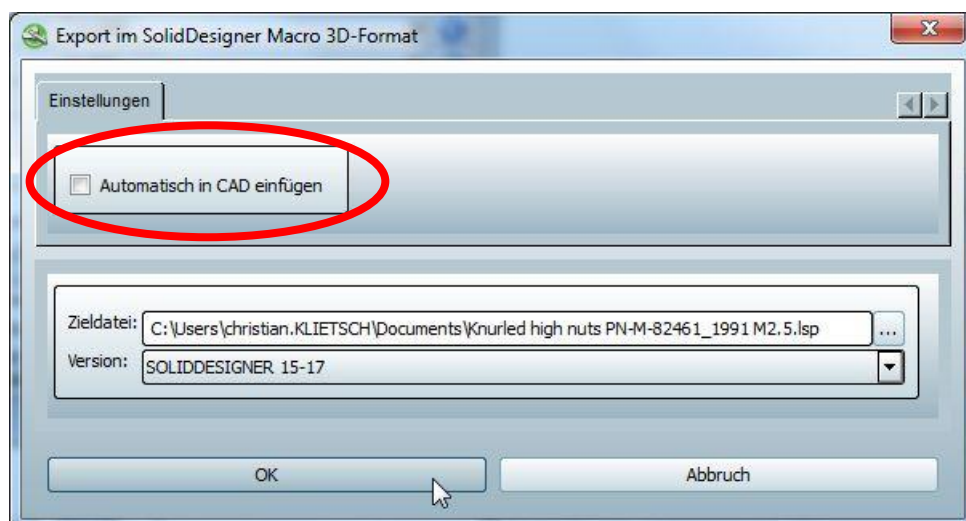
In the opening part selection select the desired part by clicking. Unless you have found the desired part, you can export the model. Choose „**Export in file**“ → „**3D CAD Format**“ → „**SolidDesigner Macro 3D**“ in the upper range.



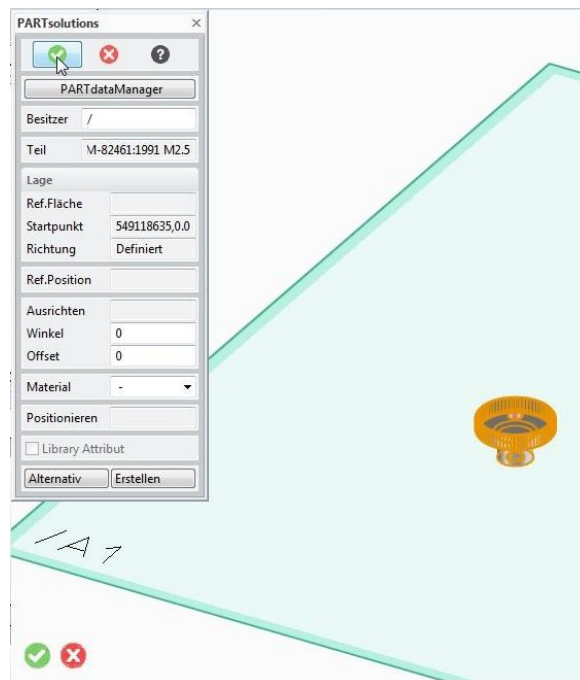
After having finished these steps, click on the speed dial button at „Export in file“.



In the now appearing window you needn't change any settings. **Please mind that the button „Automatically insert in CAD “ is deactivated!** The selected directory should be writable from the current user.



If all parameters agree, confirm your entry with „OK“. Modeling appears in front and now you can choose a starting point for the part. Click to the desired position and confirm with the green tick. The part is now imported.



Model Manager Support

The PART Assistant adds a special ID for the model manager or work manager.

If a part was saved in the database and again selected later on with the PART Assistant/PARTsolutions, the part saved in the database is loaded automatically and no new part is generated.

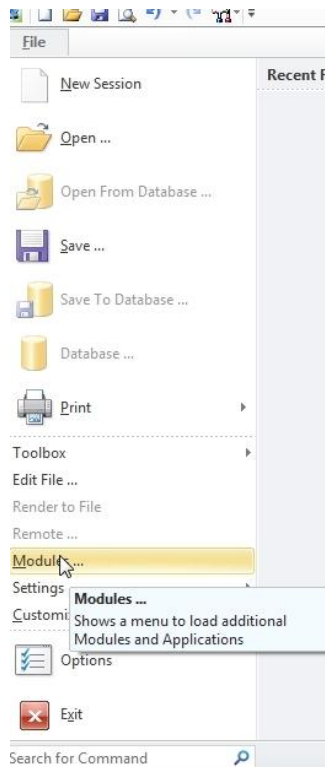
Further questions about the Cadenas installation

Should you have further questions about the Cadenas installation, please refer to the installation manual. This is located on Cadenas installation DVD.

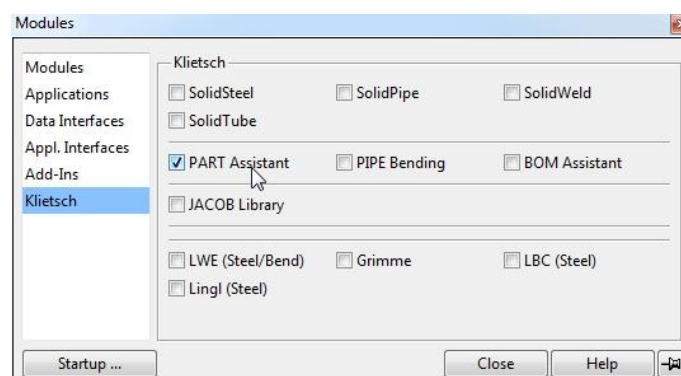
First Steps

Starting the Moduls

Start your modeling. If the load command was entered in the configuration file during installation, please proceed as follows to start the add-ons.



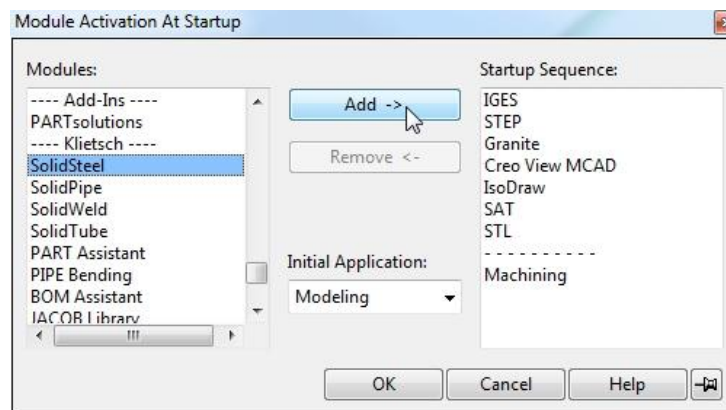
In the menu bar go to the tab „file“ and then on „module ...“.



In the opening dialog select tab „**Klietsch**“. The register of the available modules of the construction solutions appears. To start a module put a check mark at the desired position. If the corresponding licence is available, the selected modules will be started immediately.

To start the modules automatically when starting the modeling click on “**Startup ...**“-button.

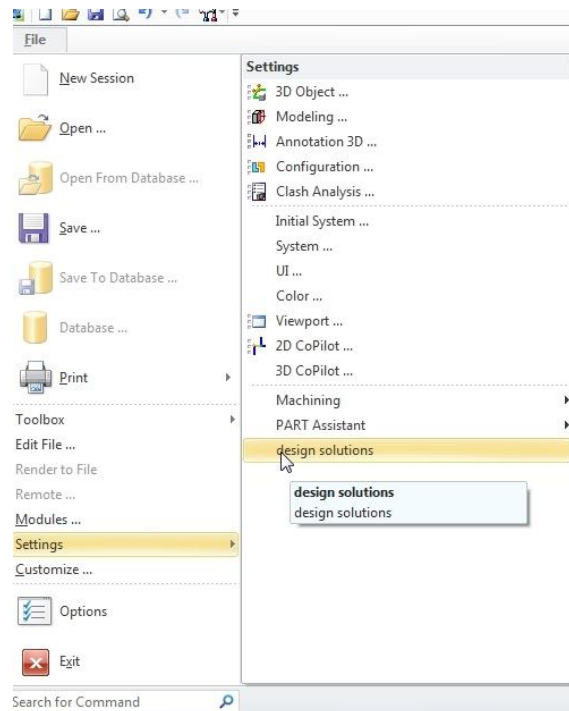
On the left side of the following dialog you will find all available modules. Scroll down. There you will find the construction solutions. Select the module you want to start automatically at the start of the program and click „**Add ->**“. Repeat this step for all desired modules. To remove a module from the start entry, mark it and click „**Remove <-**“. Confirm the entry with „**OK**“. Now you can close the window „**Modules**“.



Configuration

To configure the construction solutions select V18 „File“ → „Presets“ → „Construction solutions“.

The corresponding menu point can be found up to version 17 under „execute“ → „Presets“ → „Construction solutions“.



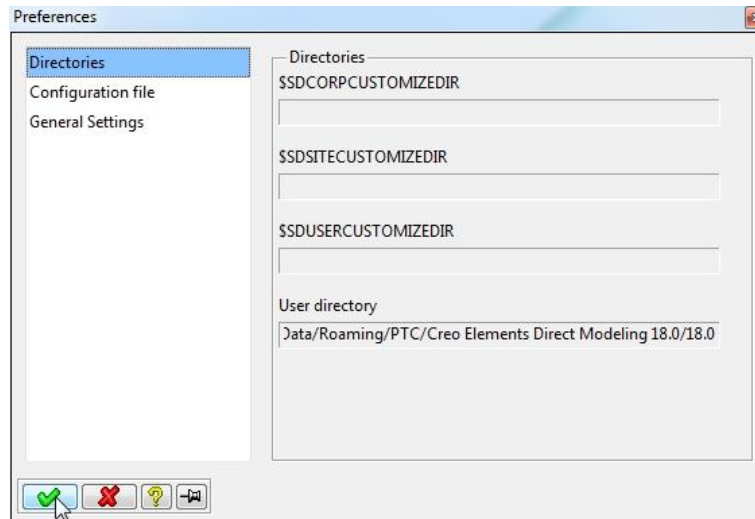
Settings dialog

Directories

Tab „Directories“ gets you an overview of fixed paths for settings. Please notice the following hierarchy:

1. **\$SDCORPCUSTOMIZEDIR** (Company settings; environment variables)
2. **\$SDSITECUSTOMIZEDIR** (Position settings; environment variables)
3. **\$SDUSERCOSTUMIZEDIR** (User settings; environment variables)
4. **User directory** (Local user settings)

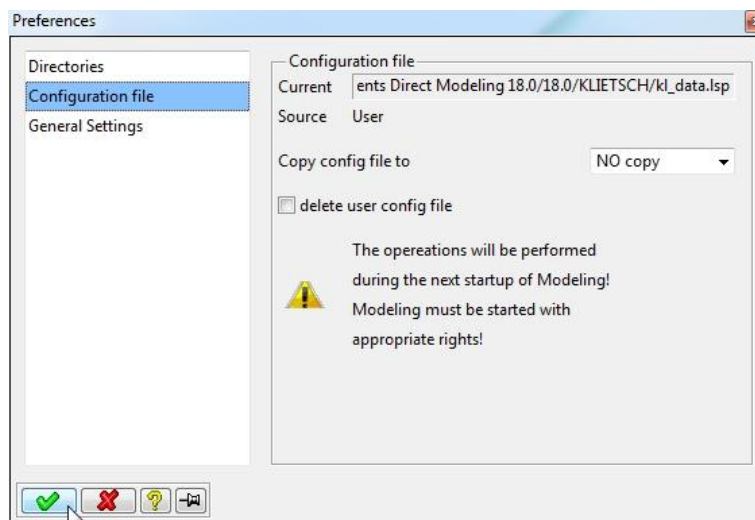
By default no environment variables are set. The settings are imported from the local user directory.



Overview of fixed directories

Settings file

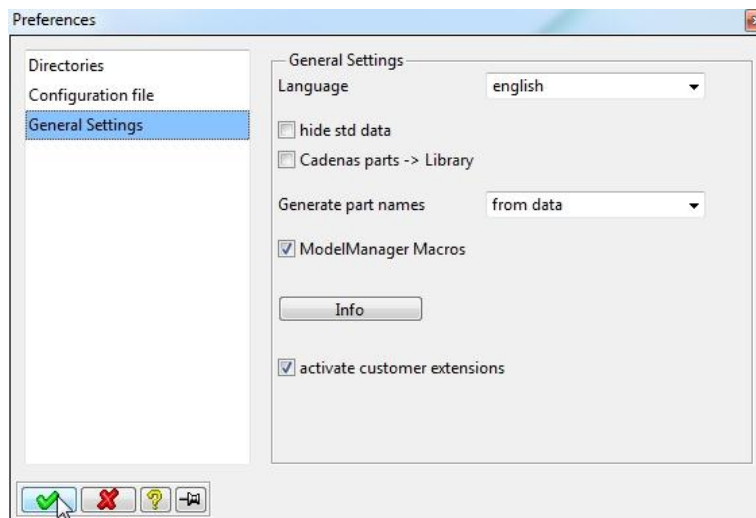
Select the tab „Settings file“, if you want to make the Klietsch settings globally available.



Please note the changes will not be applied until a restart of modeling. The therefore requested rights must be granted. The settings are written in the directory after having started the modeling with the necessary rights.

To make the changes effective the local user settings must be deleted on your personal computer. Select the option „Delete user settings file“ and restart the modeling.

General settings



Select the tab „General settings“. If you would like to change the language of the Klietsch modules, select your preferred language in the field „Language“.

Activate „Only own parts“, if you only want to use self-imported profile data. Then the standard profile data of the construction solutions are ignored. If you have not generated any own profiles yet, the standard profiles are displayed initially.

With the menu point „Assign part names“ you define how to assign the names of written profiles and parts. „Standard“ uses internal modeling names, „from data“ applies the part names from the data base and „automatically“ assigns internal names as well as names from the database, if available.

With the button „Info“ you open an output dialog, which shows you the installed version as well as all set path's and path variables.

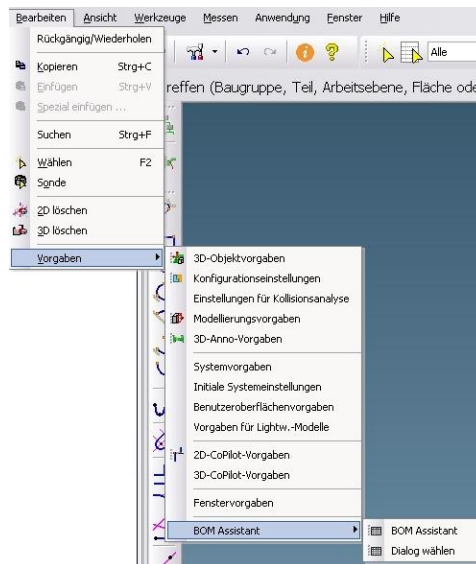
Click on the green check mark to save your entry.

With a click on the yellow question mark at the bottom of the dialog, you will find further information about the individual menu tabs.

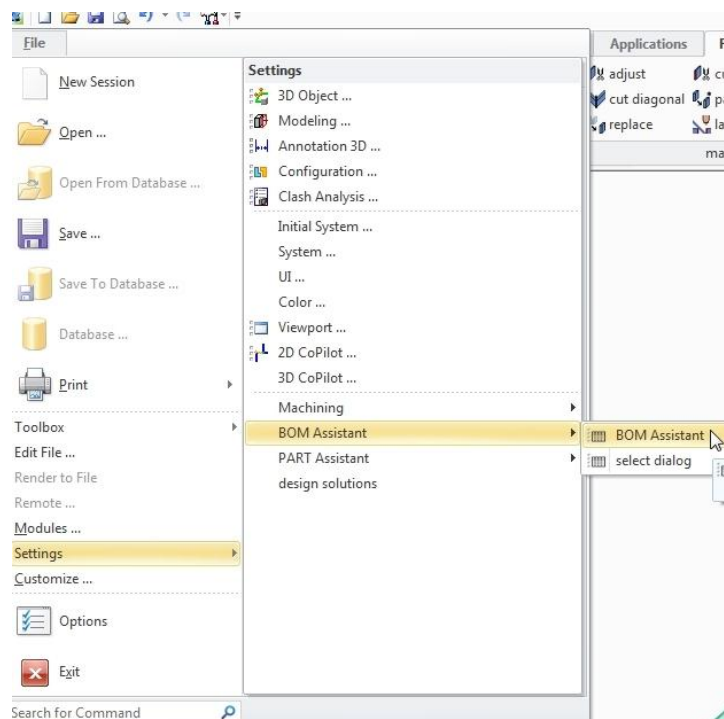


Configuration of the BOM Assistant

To configure the BOM Assistant, select version 17 „Edit“ → „Specifications“ → „BOM Assistant“ → „BOM Assistant“.

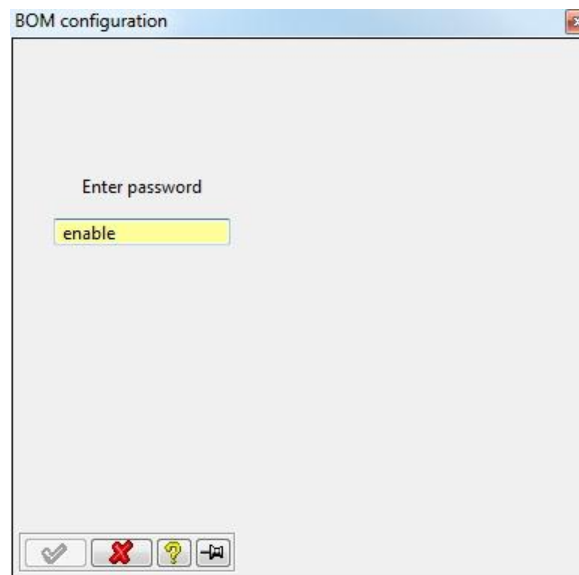


As of version 18 select „File“ → „Specifications“ → „BOM Assistant“ → „BOM Assistant“.

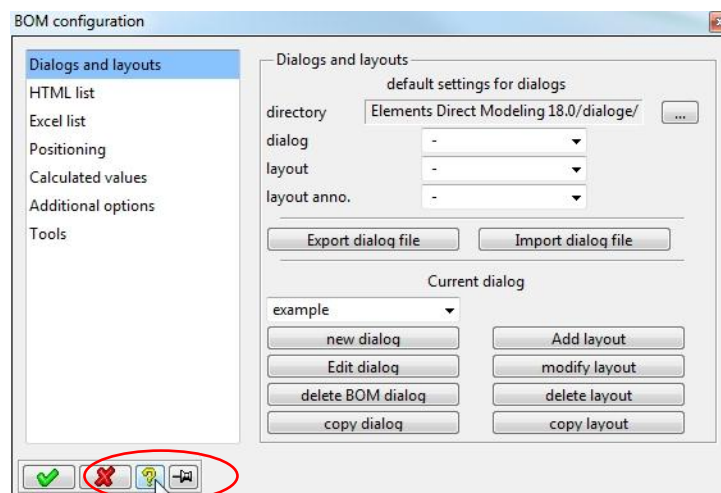


The „BOM Assistant“ must be loaded to activate the configuration.

The opening menu will ask you for your password; enter „enable“ or „Startup“. Then press enter.



With a click on the yellow question mark, you will get detailed information for the configuration of the BOM Assistant. The configuration documentation is now open in your browser.



Notice: Should you have problems with the BOM Assistant, please contact our support and mail us the BOM Assistant settings.

Extensions

You have the possibility to integrate in the shape of defined and adapted table heads. The extensions must be saved in a specific folder.

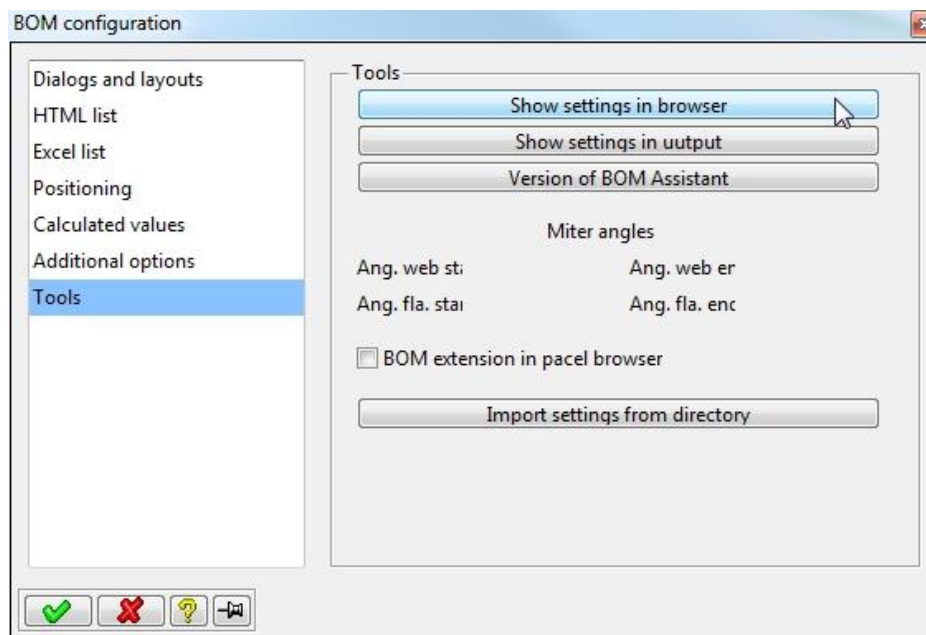
The extension directory for the „BOM Assistant“ is searched and created according to a defined search pattern.

1. Global data directory
2. Customize directory
3. \$SDSITECUSTOMIZEDIR
4. \$SDCORPCUSTOMIZEDIR
5. \$KL_EXTENSION_DIR
6. Userprofiledir

Should the respective superior directory not be found, the system checks whether the next directory was set. In the located directory, the configuration creates a folder in accordance with the following scheme (if not already existing): „stlcust_“ + Modeling version + „_“ + construction solution version.

Tools

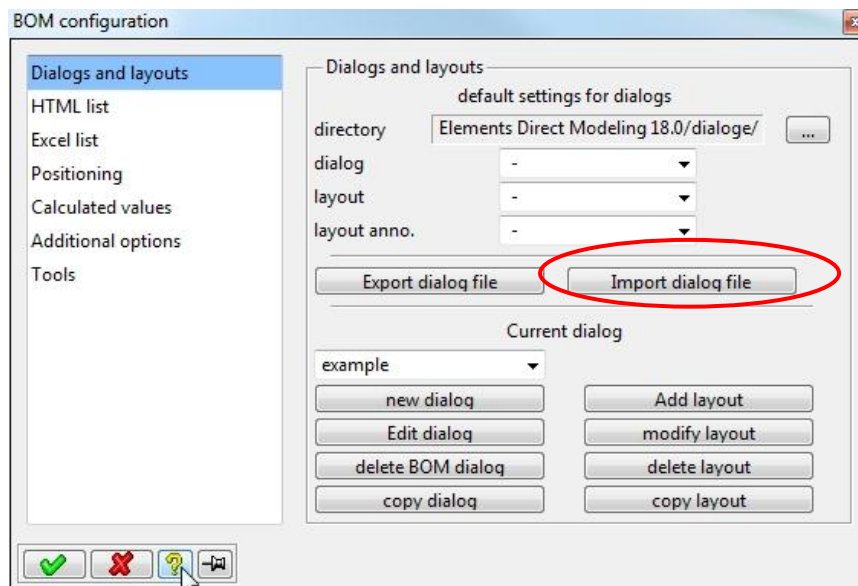
To check the selected configuration, choose the point „tools“, in the configuration dialog. You have the possibility to save the settings as „*.html“ file or to display them over the results window. Furthermore the settings can be shown in the BOM Assistant version.



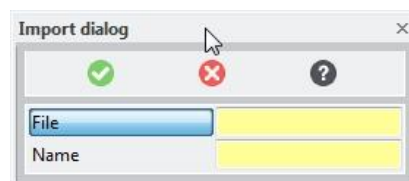
Please note, that the settings of the miter square can only be carried out, when they are defined in the dialog!

Importing keyword dialog

Select tab „Dialog and layout“ → „Import dialog file“ in the keyword configuration, if you want to import the existing keyword dialogs.

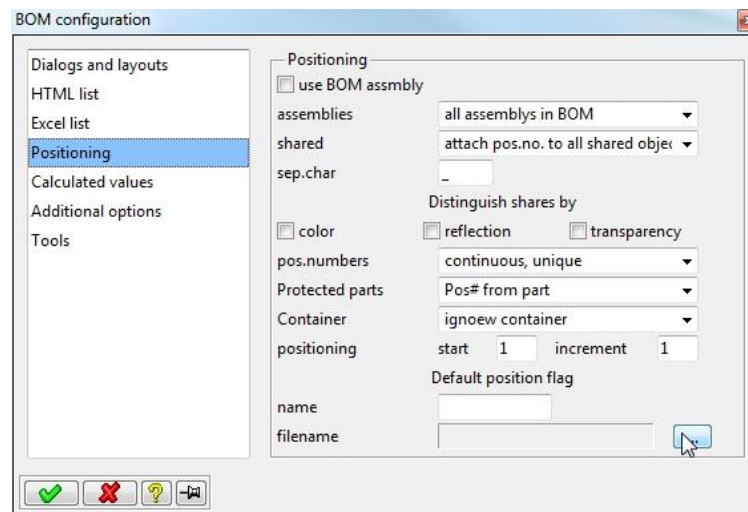


Then you can select the „*.def“ file of your existing keyword dialog and award a name for this dialog.



Add position curser

To use your own position curser, you must link them under point „Positioning“. Initially award a name at the bottom of the window and then choose the „*.mi“ file, that contains the position curser.



Appendix

System and environment variables

With the system and environment variables you have the possibility to set the paths for the configurations and settings. Now you are able to allocate these settings company-wide. The following directory variables are generally allocated:

1. **SDCORPCUSTOMIZEDIR** (Company settings)
2. **SDSITECUSTOMIZEDIR** (Site settings)
3. **SDUSERCOSTUMIZEDIR** (User settings)

The settings will be searched in the above mentioned order and already loaded settings will be overridden. To set a variable you have two possibilities:

- 1.) Setting of the variable in the windows settings
- 2.) To fix the variable by start batch file

If you use possibility 1.) a long-lasting variable is set. If you use possibility 2.) the variable is set at the time the modeling starts and is only valid for this instance.

Windows settings

Please open the dialog for system and environment variables. You will find this dialog under „**System control**“ → „**System**“ → „**Extended system settings**“ → „**Environment variables**“. With the button „**New...**“ a new variable is installed. As „**Name for the variable**“ award one of the above mentioned names of variables, depending on which setting you use. This directory you enter as „**Value of the variable**“. Please note, that user who want access need reading rights. Confirm your entry with „**OK**“. The settings will be assumed during the next log-in of the user.

Batch file

If you start modeling with a batch file, you can set corresponding variables after calling this command. It is not necessary to adapt all working places to have the same settings for the computer. The set paths are only valid for the actual instance of modeling.

By changing the settings, e.g. the paths to the configuration, these modifications must be made only in the batch file and all accessing computers get these accesses with the next start of modeling.

Below you will find an example of a start batch. The range with the environment variables is marked red:

```

REM Startskript zum Starten des Modeling
IF EXIST "C:\Program Files\CoCreate\CoCreate Modeling 18.0" (
    SET MODELLER_PATH=C:\Program Files\CoCreate\CoCreate Modeling 18.0
) ELSE IF EXIST "C:\Programme\CoCreate\CoCreate Modeling 18.0" (
    SET MODELLER_PATH=C:\Programme\CoCreate\CoCreate Modeling 18.0
) ELSE IF EXIST "C:\Program Files\CoCreate\CoCreate Modeling 18.0" (
    SET MODELLER_PATH=C:\Program Files\CoCreate\CoCreate Modeling 18.0
) ELSE IF EXIST "C:\Programme\CoCreate\CoCreate Modeling 18.0" (
    SET MODELLER_PATH=C:\Programme\CoCreate\CoCreate Modeling 18.0
) ELSE IF EXIST "C:\Program Files\PTC\Creo Elements\Direct Modeling 18.0" (
    SET MODELLER_PATH=C:\Program Files\PTC\Creo Elements\Direct Modeling 18.0
) ELSE IF EXIST "C:\Programme\PTC\Creo Elements\Direct Modeling 18.0" (
    SET MODELLER_PATH=C:\Programme\PTC\Creo Elements\Direct Modeling 18.0
) ELSE IF EXIST "C:\Program Files\PTC\Creo Elements\Direct Modeling 18.0" (
    SET MODELLER_PATH=C:\Program Files\PTC\Creo Elements\Direct Modeling 18.0
) ELSE IF EXIST "C:\Programme\PTC\Creo Elements\Direct Modeling 18.0" (
    SET MODELLER_PATH=C:\Programme\PTC\Creo Elements\Direct Modeling 18.0
)

REM Architektur unterscheiden
IF EXIST "%MODELLER_PATH%\binx64" (
    SET MODELLER_PATH=%MODELLER_PATH%\binx64
) ELSE (
    SET MODELLER_PATH=%MODELLER_PATH%\binNT
)
echo %MODELLER_PATH%

REM Umgebungsvariablen setzen
SET SDCORPCUSTOMIZEDIR=//server/ptc/cad_customize/Firma_XY/OSD_3D_CUSTOM/sd_customize_18
SET SDSITECUSTOMIZEDIR=//server/ptc/cad_customize/Standort_Siegen/OSD_3D_CUSTOM/sd_customize_18

REM CustomizeDir
SET OSD_3D_CUSTOM=//server/ptc/cad_customize/OSD_3D_CUSTOM
SET OSD_2D_CUSTOM=//server/ptc/cad_customize/OSD_2D_CUSTOM
SET OSD_DM_CUSTOM=//server/ptc/cad_customize/OSD_DM_CUSTOM
SET LANG=german

REM Klietsch Customizedir
SET KL_GLOBAL_DATA_DIR=//server/ptc/cad_customize/GLOBAL_DATA_DIR
SET KL_DEFINE_DATA_DIR=//server/ptc/cad_customize/DEFINE_DATA_DIR

REM Klietsch Pfade (XP & Win7-Weiche
IF EXIST "C:\Program Files\Klietsch" (
    SET KL_BASE_DIR=C:\Program Files\Klietsch
    SET KL_VERSION=KL_0450_1800
    SET KL_JAR_DIR=C:\Program Files\Klietsch/%KL_VERSION%/makros
) ELSE IF EXIST "C:\Programme\Klietsch" (
    SET KL_BASE_DIR=C:\Programme\Klietsch
    SET KL_VERSION=KL_0450_1800
    SET KL_JAR_DIR=C:\Programme\Klietsch/%KL_VERSION%/makros
)

REM Verzeichnis wechseln & Modeling starten
cd /d "%MODELLER_PATH%"
"%MODELLER_PATH%\..\SD.EXE" -e SDLANG=german "%MODELLER_PATH%\SolidDesigner.exe"
  
```

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